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LJS BIBLIOTHECA SCHOENBERGENSIS
SCHOENBERG DATABASE OF MANUSCRIPTS
LJS 490
LJS

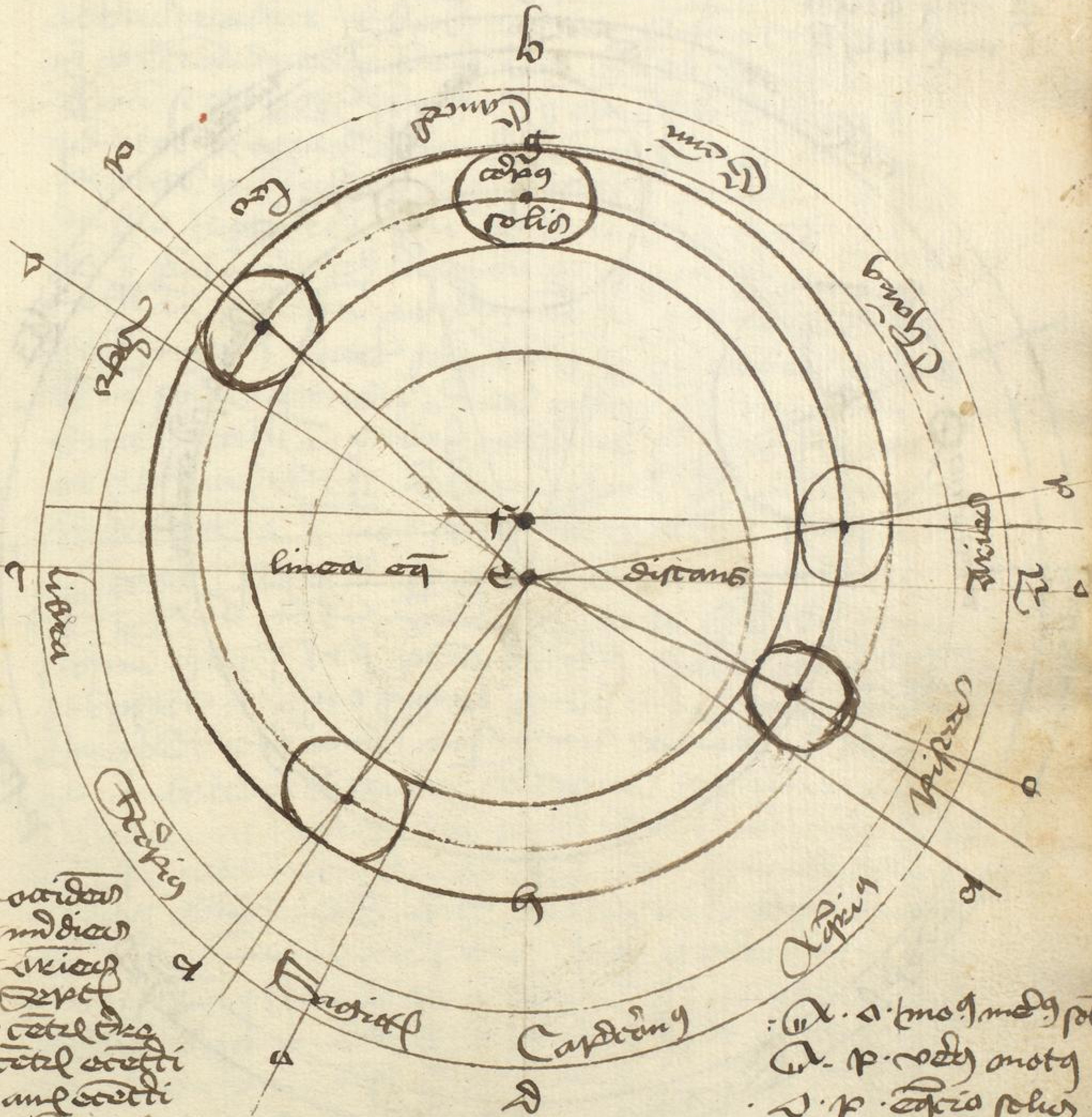
116/30/5

z Ffinis [illegible] cancri 2o [illegible] et imponit [illegible] Fig
[illegible] quod sub ad fine [illegible] quarum fuit effi[illegible] astronomie
[illegible] Secum astronomie [illegible] fuit [illegible] Prima
ta nobiles [illegible] astronomie adeo [illegible] placidat [illegible]
[illegible] [illegible] [illegible] quod fuit [illegible]
[illegible] [illegible] adast [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] hinc ait [illegible]
3o [illegible] [illegible] 1o [illegible] [illegible] 10 [illegible]
[illegible] ad astra [illegible] [illegible]
implicatas [illegible] abductum et [illegible]
collocatae in [illegible] Aliud [illegible] et in Secunda
[illegible] ad [illegible] fuit [illegible]
quod manducata [illegible] diluvium [illegible]
[illegible] [illegible] amanda [illegible]
siderumque ordinatissima mobilia [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] fuit [illegible] ad [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] Tercia
ad [illegible] [illegible] maioribus [illegible]
et [illegible] incognita [illegible]
et matribus [illegible] dicunt [illegible]
ministri [illegible] [illegible] non [illegible]
[illegible] videant eclipsim eclipsis [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et
[illegible] [illegible] [illegible] [illegible]
[illegible] difficili [illegible] [illegible]
efficacem [illegible] et [illegible] tabule [illegible]
[illegible] [illegible] [illegible] eclip-
sium possibilitas [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] fatalibus effectibus
[illegible] vaticinatores et prophetice [illegible]

Cum autem cessante motu celi cessaret omnis actio et
corruptio in istis inferioribus ut patet [illegible] in [illegible]
eorum [illegible] ymaginatione [illegible] celi. Ideo
[illegible] motus [illegible] astronomici [illegible] epicicli [illegible] et medii
[illegible] [illegible] eorum [illegible] motuum [illegible] [illegible]
[illegible] ad [illegible] [illegible] motuum [illegible]
[illegible] quod [illegible] [illegible] in theorica planetarum
[illegible] modum [illegible] tabulatorum [illegible] Sole
Primo. Medius motus solis dicitur punctus celi quem mo(tus) et
terminat linea exiens a centro terre equidistans linee linea
exeunti a centro circuli eccentrici [illegible] partem centri solis. Centrum
solis [illegible] distantia medii motus ab auge eccentrici. Et Centrum
[illegible] distantia [illegible] [illegible] in aliis [illegible] dicitur [illegible] planete Equatio
Equatio solis dicitur arcus zodiaci interceptus inter lineas
medii motus et veri. Verus motus solis vel cuiuslibet alterius Verus motus
dicitur punctus celi quem terminat linea exiens a centro
terre ad [illegible] partem [illegible] planete. Aux epicicli media Aux media
dicitur punctus superior epicicli quem terminat linea exiens
a centro [illegible]. Aux vera epicicli dicitur punctus epicicli Vera
superior quem terminat linea exiens a centro [illegible] per epicicli.
Centrum medium [illegible] distantia centri planete ab auge Argumentum medium et verum
media epicicli. Argumentum verum dicitur distantia centri planete
ab auge vera epicicli. Medius motus centri [illegible]
vel alio nomine [illegible] medius epicicli dicitur punctus celi quem
terminat linea exiens a centro terre per centrum epicicli. Equatio Equatio centri
centri dicitur arcus interceptus inter lineas medii motus
et veri motus epicicli. Equatio argumenti dicitur arcus inter- Argumenti
ceptus inter verum motum epicicli et verum motum planete.
Aux planete dicitur punctus celi quem terminat linea exiens Aux planete
a centro terre per centrum eccentrici. Oppositum puncti [illegible]
dicitur [illegible] augis in circulo. Verus motus solis et augis
[illegible] dicitur [illegible] puncto celi. Verus motus
augis [illegible] [illegible] puncto celi altera [illegible] oppositum [illegible]
[illegible] [illegible] [illegible] declinare [illegible] [illegible]
petit [illegible] [illegible] et [illegible] in [illegible] [illegible]

Circulus vero medij motus solis (a centro) ... circumferentia
addita motu ... mathematice elevatus ...
motus solis et terminus linee ducte a centro ... ante
... solis ... ad augem medij et terminus
linee ducte a centro ... solis ... ad augem
... distantia ... linee ... motus ... parte
Sole et luna — De eo autem sol fuit in augem i. ... motu
elevato ... eius loca ... medij ...
... a fine ... ad fine sagittarij ... eccentrici
loca ... medium ... a fine ... ad fine
... eius ... medium ... ut ...
... aliqua ... ita in alijs planetis
Luna — De luna ... duos circulos ... sed
differentiam ... epicicli ... vadens motus
... Centrum lune ... epicicli
motus ... parte ... centri
... Epicicli medium ...
Centrum lune — ... in 30 ... centrum lune ... epicicli
... ante ... epicicli
lune ... luna ... et augem
epicicli ... motus
... epicicli ... luna et ...
Medij motus — ... Medij at luna motus ... linee ducte
a centro ... epicicli ... ad augem ... loca
Loca lune — ... linee ducte ... centri lune ... Centrum
in luna ... fit ... et ...
... loca lune ... medij ... et ...
... et ... Centrum ... augem
... medij motus ... Centrum ... et ...
... motus ... Proportio ...
Medij — in alijs ... ut ... Medij
centri — ... linea medij motus lune ... solis ...
Oppositio — ... zodiaci ... Medij ... in ...
i. due linee ... zodiaci ... De ...

Qu[ando] linea vera loca solis et lune terminantur in ea
loca veri corporis. Sed aut[em] in motibus loca
ex equatione etc. et infallibiliter. Sunt tamen alia loca solis habet
patet videre in theorica planetarum.

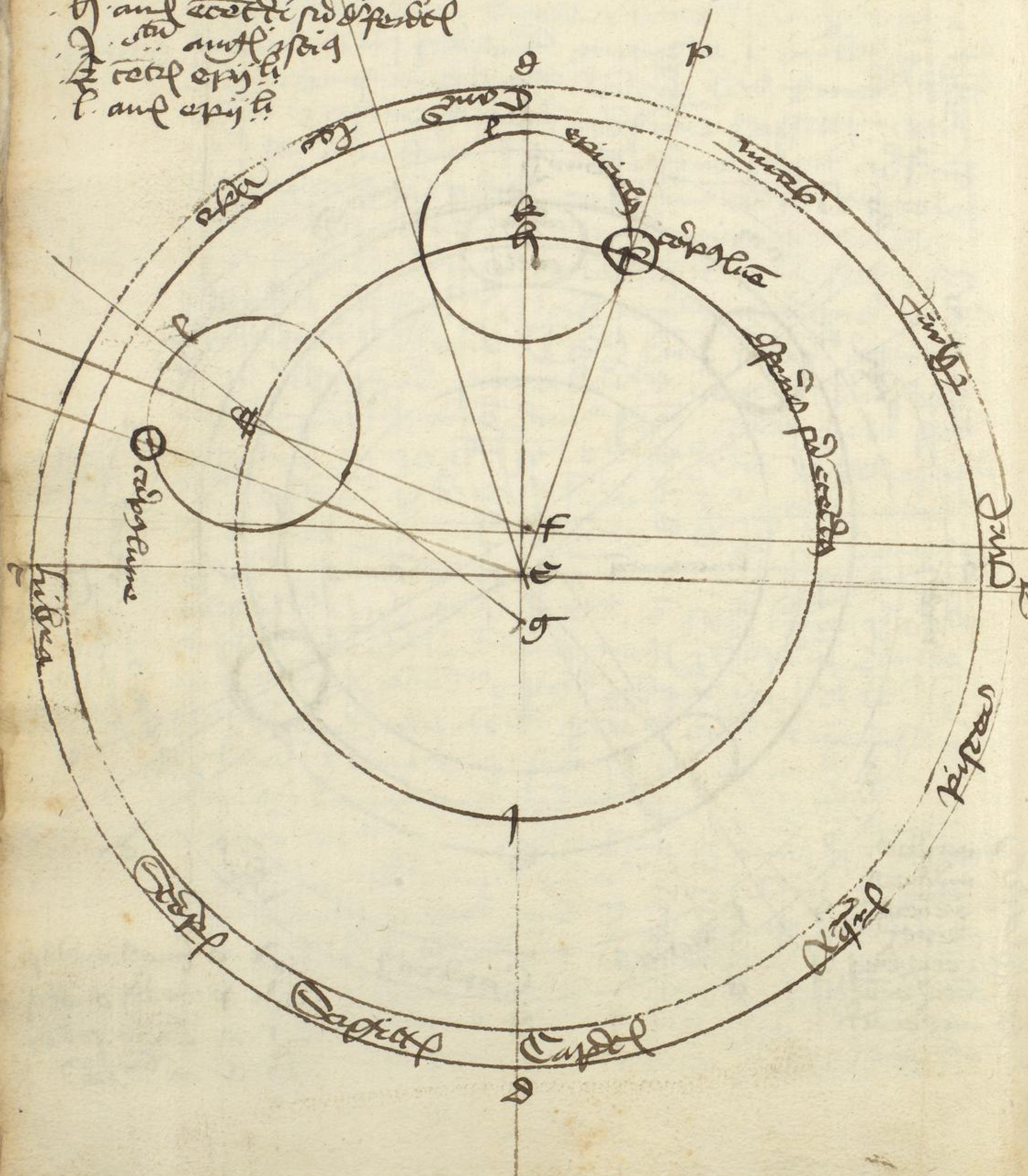


a. occidens
b. meridies
c. oriens
d. septentrio
e. centrum terre
f. centrum ecentrici
g. aux ecentrici
h. oppositum augis

e a. a. linea medii motus solis
e a. p. linea veri motus
x. p. equatio solis
h. a. argumentum solis

a. occidens
b. meridies
c. oriens
d. septentrio
e. centrum terre et zodiaci
f. centrum deferentis sive eccentrici
g. punctum in oppositione centri
h. aux equantis sive deferentis
i. oppositum augis
k. centrum epicicli
l. aux epicicli

l. ⊙ centrum lune
m. ☩ medius motus
n. p. verus locus



i. [illegible] medio motu
cum [illegible]

Medium motum Saturni Iovis Martis Sol
Veneris Mercurii Lune atque capitis [illegible] libet
medium motum cuiuslibet respectu meridiani
tue civitatis invenire. Primo accipe radicem
scriptam in suis tabulis [illegible] quam [illegible] annis
completis [illegible] post tua radice [illegible] etc
tabula annorum et quod inveneris directe in regione tue
addas radici et habebis radicem [illegible] tue civitatis
in [illegible] annis [illegible] eiusdem diei
[illegible] scito [illegible] annis [illegible] superficiei
[illegible] Deinde cum annos [illegible]
completos post tuam et si [illegible] superficiei
[illegible] superficiei [illegible] ad [illegible] com
[illegible] annis post superficiem [illegible] intra
tabulas [illegible] accipe [illegible] sic [illegible]
et quod inveneris [illegible] scriptum et [illegible] addas [illegible]
[illegible] quod [illegible]
[illegible] tabulas [illegible]
[illegible] et si [illegible] hora et [illegible]
[illegible] si [illegible]
2a [illegible] et [illegible] 4 [illegible] minuta
[illegible] 4 [illegible] 3 [illegible]
[illegible] sic [illegible] dabis [illegible]
[illegible] duo [illegible]
duo [illegible] tocius [illegible]
12 [illegible] semper [illegible] cum
[illegible] minuta [illegible]
[illegible] ad minuta horarum [illegible] 60 [illegible] cum [illegible]
horarum [illegible] horarum [illegible]
[illegible] minuta [illegible] horarum [illegible] intra
in tabulas horarum [illegible] tabulas
addendo quod inveneris scriptum [illegible] [illegible]
[illegible] Radix [illegible]
[illegible] minuta [illegible]

et hoc quod ascharum integrorum sunt minuta eorum de
minutis hore capiuntur minuta et c. Item videlicet
horarum. Illud quod est eorum minuti / est minuta
eorum secunda et id quod dividitur est minuta est
in tertio horarum secundum eosdem vero operatur modo ad
et conscriptus in tabulis horarum plurimarum et c.
R. 30° Ubi non quotas 30ma dierum in his sunt contra
scilicet aries taurus gemini cancer leo virgo
libra scorpio sagittarius capricornus aquarius
piscis. Item dicitur a puncto vernali incipienda
a puncto equinoctii vernalis i. a capite arietis procedendo
usque ad punctum equinoctii autumpnalis i. usque ad
De anno incipit libra usque ad finem piscium. Annus et c.
incipit incipitur a januario. Dicit notandum
xxi de tabulas inicium a meridie anni et finitur
in meridie alterius. Etiam prima dierum januarii
incipit ab anno a meridie ... usque ...
... et dicitur in meridie ...
sunt completi post in meridie dicto completo. Ita
completa ... et prima post in meridie immediate
... annos radicum motuum partis ...
sunt verificate ad meridiem ... completi
... annos ... alma ... ad ultimum
diem decembris et in meridie et ultimi diei. Itaque
... post ... ultima dierum ... finit a meridie
... ultimi ... Ubi primus ... januarii incipit.
De annis radice Item nota quod ... tabule sunt verificate
ad annum ... completum et ad meridiem
ultimi diei eiusdem anni completo ...
... si ... tabulis annorum ...
ad aliud annum ... radice. Item anno
... annos radicum scilicet lx 40 ad aliud annum
completum et id quod remanet est ... Et quod

inter motum equaliū dnī et 8ᵉ sphere et stel-
larum fixarum scilicet primū ter dimidie pro dando
pro quolibet annū minutū et possit assignari
ibi pro dando duo signa equaliter et super fuerit
radix dnī pro uno ita ut complet Et nota — Radix
vide q̄ sunt in tabula dnī complet tripartite — tripert
perfecte et tamen dicitur motus super addere Et quia
3 in quibus annis tripartito excedit aliū
quem dnī in uno dicit Primo autem uno
in eis anno tripartite dicti possit fieri
mathematice et per tempus tripartiti est motus
dicitur precedentium dandum Primum ter tollere
adde radici anni quod fecisti dicte dicta ...
et super fuerit radix dnī tunc quidam et
Primo autem videtur motum pro vero augium quod — Auge
non augis in anno et mensis mensi
per 34 secunda dat perficitur et in anno et 8ᵉ
sphere vide facta per te adam 1440 com-
pletum rectificata Et si ad aliū annū
volueris augem adde pro quolibet anno lapso
complete 34 2ᵃ Et per te vel medio vel tamen 2ᵃ
et sicut in quarta tabula augium annorum
in primis in eis ... augi super addendo

Auge	s	g	m	2	3	4
Sa	8	12	54	18		
Iu	4	22	45	38		
Ma	5	15	29	59		
So	3	0	52	49		
Ve	3	0	52	49		
Me	6	29	4[illegible]	9		

Intendo per te in singulis
annis et mensibus annorum
complet tabulam in aliu
late presenti deputatam
Et quia autem medius motus — Nota
Et si vis a balio adde
vna tercia et volueris sit
fuit signa et post medio con
sequentium vel est quod tertij
et tunc post medium ...
5. Et sol et medius sibi sunt augis in ecclesia terminos esse
perfecte artis. sol vero quod in aliis dicitur tunc simpliciter ...

Argumentum solis · centri veneris — Videto ergo per solis arg^to signa et gradus centri veneris si placet per [illegible] veneris et gradus minuta et

Tabula augmenti — Augmentum verum cum plus anno uno in mensibus pro gradu et minutis [illegible]

an	d	mi
1	0	36
2	1	12
3	1	48
4	2	24
5	3	0
6	3	36
7	4	12
8	4	48
9	5	24
10	6	0
11	6	36
12	7	12
13	7	48
14	8	24
15	9	0
16	9	36
17	10	12
18	10	48
19	11	24
20	12	0
40	12	36
60	13	12
80	13	48
100	14	24
200	28	48
400	57	36
Anni	M^i	[illegible]

in mensibus	
Ja	3
Fe	6
Mar	9
Ap	12
Ma	15
Ju	18
Jul	21
Aug	24
Se	27
Octo	30
No	33
De	36
mens	[illegible]

et ad [illegible] magna [illegible] solum [illegible] notetur [illegible]

Verum locum solis. — Si vis verum locum solis invenire primo quere medium eius motum per locum et signa. Deinde argumentum solis quere ducendo [illegible] aug que a medio motu quod argumentum [illegible] cum signis et gradibus [illegible] intra tabulas equacionis solis [illegible] minutis anni et [illegible] tunc [illegible] equacionem solis quam equacionem si argumentum solis maius sex signis fuerit adde eam ad medium motum solis. Si vero minus sex signis subtrahe eam a medio motu [illegible] et residuum ostendet tibi verum locum solis in signis gradibus minutis et secundis completis [illegible]

Verum locum lune. — Verum locum lune reperire. Invenias primo medium motum lune, medium argumentum lune et centrum lune [illegible] et signa [illegible] eas per se. Deinde intra cum signis et gradibus centri in tabulas equacionis lune et cape equacionem centri quam equacionem si centrum fuerit plus sex signis subtrahe ab argumento medio. Si vero minus adde [illegible] adiunge et habebis verum lune argumentum quo [illegible] cum signis et gradibus recipe equacionem eius argumenti quam si argumentum verum fuerit maius sex signis adde medio lune motu. Si minus tunc

subtrahe et post iam aparuit remanserit verus locus lune
Et subtrahe medium motum solis a medio lune et remanet
duplex quod remanserit est medium centrum lune et ita non
opportebit te querere centrum lune separatim per tablam
Aliqui autem alio modo quia solitarum cum loco suo per ...
solis medio et adiungunt medium quod invenitur super ...
... per ducere per tablas In subtrahe medium
motum centri ... a medio motu solis
et quod remanserit erit medium centrum planete vel motum
solis in isti ... Sed subtrahe aux planete a medio motu
eius et remanet medium centrum planete Cum centro
...dis equationis recipe equationem centri quam equationem si
centrum fuerit maius sex signis adde ad medium motum
planete si vero minus subtrahe eam a medio motu planete
et remanebit medius motus centratus eius Sic centrum
equatum si centrum fuerit maius sex signis subtrahe ab argumento
medio Si minus adde et remanebit argumentum planete
Deinde cum signis et gradibus argumenti recipe eius
equationem quam si argumentum fuerit minus sex signis adde
ad medium motum planete per centrum equatum Si plus
subtrahe alterutram et post iam operacionem remanebit
verus locus planete Quidam alii aliter faciunt cum Nam
si centrum et argumentum fuerint maiora sex signis ... vel
cum si fuerint minora tunc capiunt equationem alterius
... ... et ... sibi addunt et totum simul
addunt ad medium motum planete per ... Itaque
non equatur centrum ... ... Si centrum quam ...
... minus ... ... equationem ... sibi addunt et
subtrahunt a medio motu planete Si ... minus
et argumentum maius tunc per superiorem equationem ...
a. Subtrahe minorem equationem a maiori et residuum adde
ad medium motum Si autem per superiorem equationem
... ... subtrahe minorem a maiori et residuum
... subtrahe a medio motu et remanebit verus locus planete
ita fit ... ... medium motum et

Item est etiam alia distancia inter solem et aliquas stellas superiores
et in conjunctionibus siue oppositionibus medium motum solis
et capiti draconis vel caude secundum quod distat a sole superior
Vnde locus capitis draconis qui est medius motus eius
a stellis duodecim signorum et quorum locus sit inueniendum
per se videlicet quod locus caude sit ad quemlibet
cauda stelle vel adde sex signa et in [illegible] Con
aliquo loco ad stellas inter spacium differentie
lune ad cursum solis quod luna incipit distare a
sole 1ª 1d inter spacium dicitur caput et secundum autem sol
dicitur tunc dicitur cauda et quod inde ostenditur et

Capitis cauda (margin, beside "Vnde locus capitis draconis")

Tempus medie conjunctionis solis et lune duarum stellarum quo
quere medium motum solis et lune motum ad tempus propinquum
conjunctionem precedentem et stelle magis a mane et quod
remanet dicitur locus quem distantia in parte differentie medio
a motu qui distancia si fuerit solis et quem fuerit futura lune
et preterita distancia locus reduc totum ad z(?)ª et tota
diuide per superatione motus lune cum tota sole
sole que est 1828 2ª et prouenient dies quod remanet
quod autem post diuisionem remanet multiplica per 60 et tota
diuide per 1828 et prouenient dies horas Et si remanet
tunc 2ª horas 3ª et illud tempus a motu stellarum adde
ad tempus post coniunctam si coniunctio fuerit futura et
tunc si fuerit preterita et prouenit tempus
quod addi et ad quemlibet coniunctionis medie coniunctionum et oppositionum
et duarum quadrarum lune et

Tempus medie (margin, beside "Tempus medie conjunctionis")

	d.	h.	m.	1ª	2ª	3ª
Tempus ab vna coniunctione ad aliam	29	12	44	3	2	24
A coniunctione media ad oppositionem	14	18	22	1	31	12
A coniunctione ad quartam	7	9	11	8	45	36
A coniunctione ad 3ªm quartam	22	3	33	2	16	48

7

Tempus vere coniunctionis solis et lune respice cum latitudine vera
solis contra [illegible] et lune ad [illegible] quando medie coniunctio
coniunctionis est [illegible] tempus tunc [illegible] correpto est in [illegible]
in luna contra certum ad [illegible] cum [illegible] ad medium
[illegible] [illegible] motus lune. Hic [illegible] motus
loci solis et lune [illegible] minor diminuatur et [illegible]
diminuatur reducitur ad [illegible] tempus diminuendi coniunctionis
[illegible] in contra motum solis et lune in [illegible] horam
est [illegible] gradus. Intra cum argumento solis in tabulam
motus solis et lune [illegible] horam et [illegible] motum solis [illegible] horam.
Et [illegible] intra cum argumento lune [illegible] tabulam
et [illegible] motum lune in horam [illegible] motum
lune in horam [illegible] motu solis in horam et [illegible] diminuatur
reducatur ad [illegible] et [illegible] motus lune [illegible]
[illegible] [illegible] [illegible] [illegible] divide
distantiam primo ad [illegible] reductam et [illegible]
horas quod [illegible] [illegible] [illegible] [illegible]
[illegible] divide [illegible] [illegible] [illegible] iam
[illegible] in horas [illegible] et [illegible] horas cum
minutis [illegible] adde ad horas medie coniunctionis
si fuerit [illegible] et subtrahe si fuerit [illegible]
et quod [illegible] vere coniunctionis. Hic ita fac [illegible] vera coniunctio
[illegible] [illegible] distantiam solis [illegible]
[illegible] [illegible] medie coniunctionis [illegible]
solis [illegible] et [illegible] [illegible]
[illegible] vera coniunctionis [illegible]
[illegible] vera [illegible] [illegible] signa [illegible]
[illegible] eclipsis solis et lune in [illegible]. Hic tempus [illegible] eclipsi
vere coniunctionis [illegible] tempus contra cum [illegible]
ad [illegible]. Hic [illegible] tempore [illegible] solis et minor
motu solis [illegible] diminuatur et si [illegible] [illegible]
[illegible] [illegible] solis eclipsis. [illegible] fac [illegible]
eclipsi lune [illegible] vera et [illegible] [illegible]

Querere ar^tm latm^m lune tpe coniu^o vel oppo^o
cum arcum fuit .0. impsiōnis & mi^s .12. gradibus
vel .4. impsiōnis & plus. ad. 7. vel .3. psiōna
& min^s .12. gradibus vel .2. psiōna & plus. ad. gradus
ut [illegible] post almude no Cum ar^tm latitudinis
Ar^m lat. lune — lune [illegible] loci ca^t [illegible] lune
loco [illegible] arcm lat. lune [illegible] dista^d [illegible] lune
acta [illegible] primum [illegible] latitudo
Ad mo^d — lune [illegible] ecliptica Et ita equa ca^t
draconis ad hora vel coniu^o si fuit [illegible] die [illegible]
nocte [illegible] non videbis eclipsim sol
[illegible] lune [illegible] ca^t ad tabula fuit [illegible]
cum sole ad luna [illegible] sol eclipsis Si non [illegible]
[illegible] Et si fuit [illegible] ca^t ad
tabula cum luna & in nocte [illegible] lune eclipsis [illegible]
Si inter [illegible] fuerint 10 ad 12 [illegible] luna
modicum eclipsata Si [illegible] 12 [illegible]
Ad mo^d de eclipsi — [illegible] sol & lune [illegible] 12
[illegible] cum [illegible] ad tabula [illegible] lune
lat^m borealis [illegible] 20
m [illegible] fuit 60 [illegible] sol
eclipsis Si [illegible] minor 60 [illegible]
[illegible] & residuum [illegible] 30 & [illegible]
[illegible] tota [illegible] medii sol
[illegible] lucida [illegible] Si [illegible]
[illegible] 90 [illegible] eclipsis Si [illegible]
90 & plus 60 [illegible] eclipsis sol [illegible]
[illegible] 60 [illegible] & residuum [illegible] 30 & [illegible]
[illegible] 30 tata [illegible] sol [illegible] lucida
[illegible] Et [illegible] sol [illegible] 30
[illegible] Si [illegible] lat^do lune [illegible]
& 30 m [illegible] eclipsis [illegible] arcm lat^s
[illegible] Et si arcm lat^m [illegible]

et plus uno gradu vel minus 180 eclipsis erit
capite 1o. Si plus 180 vel minus 360 erit
in [illegible] nal [illegible]

Et tempus quando aliorum planetarum ita dicitur ista capitula — *Tempus planetarum*
in loco ad tempus propinquum cum estimacionem. Et ad tempus
propinquum si non fuerit cum motibus aliorum stellarum fixarum
motum dum maiori tempore remanent in loco sine distancia
unius ab alio. Et in quorum motu celi, quod fuit uno
die et stelle omnes a mane ad remanent et separatio
in qua fuit a[illegible] motu. Et 1a separatio dividit et
per [illegible] loco sine distancia. Et tempus veniet [illegible]
faciet applicationem talis forma et tempus durationis
alteris addere ad tempus suo existimatum si vero [illegible]
tardiorem vel stelle si perdit vero a motu et
vero motu unius stelle a motu alterius si 1a distancia
quam remanent fuit in parte circuli unius in zodiaco
quando sit perfecta. Si in qua tardius motus est et futura et

Et stratus planetarum sole [illegible] quando fuit [illegible] et in — *Aspectu*
[illegible] et [illegible] planete [illegible] planeta et videtur
dignitates unusquisque signo singulo gradu. Sic est aspectus
eorum ad invicem. Unde si sunt planete et distancia [illegible]
et aspectus sextilis. Si 60. et [illegible]. Si 180 oppositus.
Si 90 quadratus. Si 120 trinus. Et erat [illegible]
terminos aspectuum. [illegible] unius erit applicatio
ad aspectum si vero [illegible]. Si plus erit separatio et
Si planeta distat vel [illegible] 6 signa a sole dicitur [illegible]
tal. Si minus dicitur [illegible]. Et dicuntur stratus — *Aspectu*
et [illegible] et [illegible] planete et [illegible] abiungere — *abiungere*
differunt [illegible] aliorum planeta [illegible] differentie
tato [illegible]. Erit autem 1o modo [illegible]
[illegible] signis [illegible] ad 12 [illegible] planeta [illegible]
[illegible] differentie [illegible]. Et [illegible]
[illegible] ad [illegible] signa et [illegible]
[illegible] differunt. [illegible]

Post hec ad plen[iorem] declarat[ionem] epicicli [illegible] et altera impro-
[illegible] de [illegible] qui [illegible] a b i q [illegible]
In epiciclo [illegible] epicicli [illegible] in [illegible]
[illegible] a [illegible] [illegible]
[illegible] in epiciclo [illegible]
Stationes in epiciclo [illegible] statio [illegible] in epiciclo [illegible]
[illegible] et [illegible] epicicli [illegible]
[illegible] a d i 12 [illegible] epicicli
epicicli [illegible] a c [illegible]
[illegible] a b [illegible]
[illegible] ar[gumen]ti [illegible]
[illegible]
[illegible] retrogradationis [illegible]
[illegible] Saturni [illegible]
Directio et statio [illegible] statio [illegible] 3 [illegible] 24 [illegible]
[illegible] retrogradationis [illegible]
[illegible] stationis [illegible]
[illegible] plus [illegible]
[illegible] maior [illegible] 3 [illegible]
[illegible] retrogradationis [illegible]

Argumenta: Signa	Gradus	Minuta	Saturni	
3	28	22	Initium prime stationis	Saturni
3	25	30	Initium retrogradationis	
8	8	30	Finis retrogradationis	
8	7	16	Finis secunde stationis	
4	8	5	Initium prime stationis	Iovis
4	7	11	Initium retrogradationis	
7	22	29	Finis retrogradationis	
7	25	55	Finis secunde stationis	
5	7	28	Initium stationis prime	Martis
5	9	15	Initium retrogradationis	
6	10	25	Finis eiusdem	
6	22	32	Finis 2e stationis	
5	15	15	Initium stationis prime	Veneris
5	18	21	Initium retrogradationis	
6	21	39	Finis eiusdem	
6	28	9	Finis 2e stationis	
4	28	22	Initium prime stationis	Mercurii
4	27	18	Initium retrogradationis	
7	2	26	Finis retrogradationis	
7	5	18	Finis stationis secunde	

Aliud est in luna q(uod) in inferiori parte dic(itu)r aliquis motus — *De luna*

et in superiori in circulo [illegible] luce [illegible]

[illegible] 3 signis vel plus q(uam) [illegible] luna [illegible] in superiori

parte epicicli e(st) tarda cursu [illegible] quarta [illegible] plus

3 signis [illegible] vel minus q(uam) [illegible] in inferiori parte epicicli

e(st) in cursu velox [illegible]

[illegible] stationaria [illegible] — *Stationes*

[illegible]

[illegible] ad medie [illegible]

[illegible]

[illegible]

[illegible] ad

medie [illegible]

[illegible] maiores elevatores

[illegible]

[illegible]

[illegible]

[illegible] medie [illegible]

[illegible]

[illegible]

[illegible] alia [illegible]

[illegible]

[illegible] ad medie

[illegible] a medie [illegible]

[illegible] aliud [illegible] — *[illegible]*

[illegible] in tabulis [illegible]

[illegible] tabule [illegible]

[illegible] tabula [illegible] de

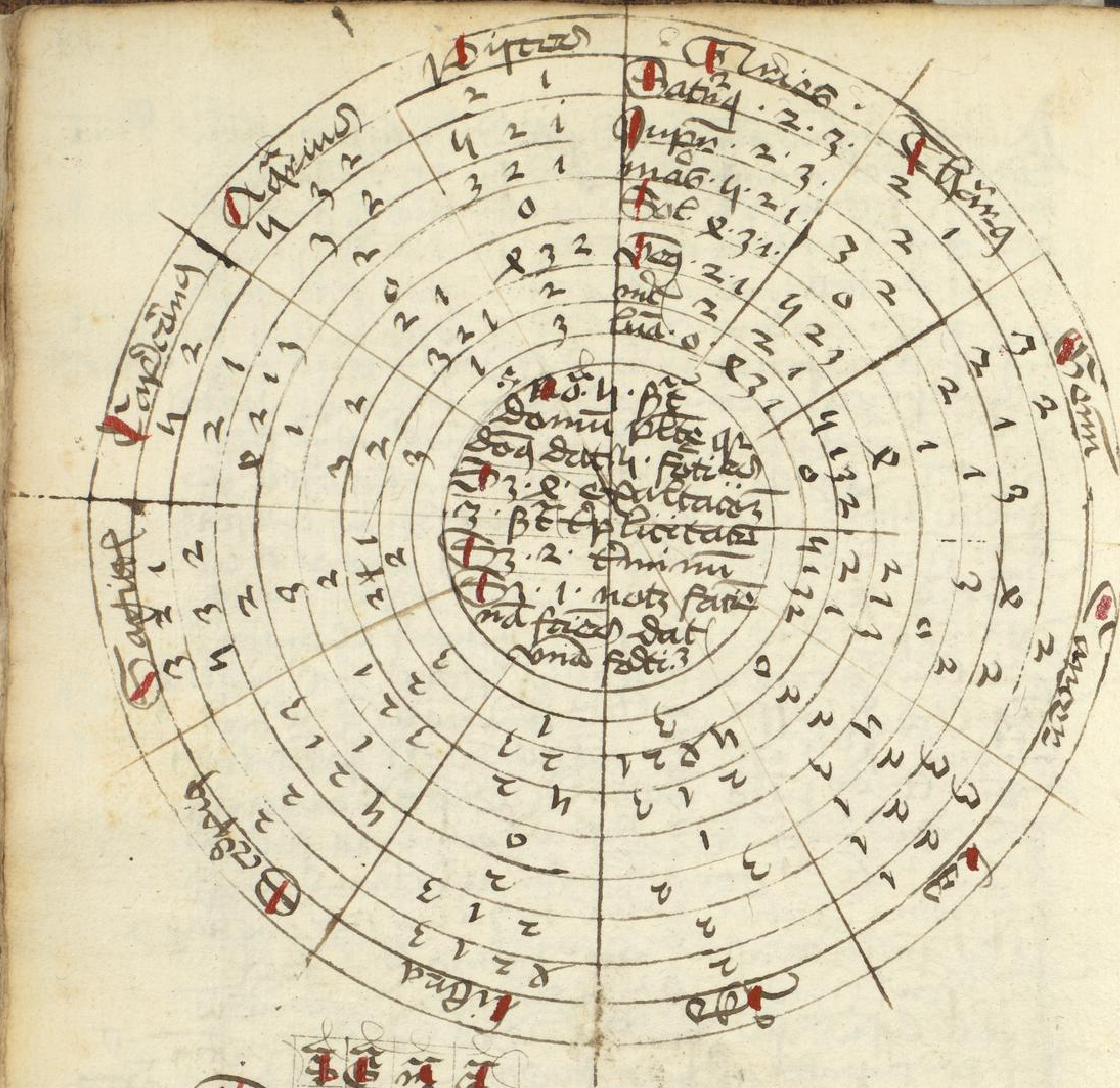
[illegible] in [illegible]

[illegible] influencia [illegible] — *Influencia [illegible]*

[illegible] exaltacione [illegible]

[illegible]

[illegible]



	[illegible]	[illegible]	[illegible]	[illegible]
Sa·	4·	11·	48·	19·
Iu·	2·	22·	11·	37
Ma·	1·	13·	86·	40
Mer·	3·	29·	18·	10·

Adde motu eq^lis ... spacium et procedit aut et plte adauct plis pd^s ... t

Motus augium et stellarum fixarum uno die·

·8·	20·	·81·	17·	12·	27·
·2·	3·	·1·	4·	1·	11·
·0·	30·	28·	89·	0·	

motus auc... ... ... uno die·

5. Et quia tabule suppositae sunt verificatae ad meridianum Primo tabularum
Haidelbergensem cuius longitudo seu distancia ab
oriente vel occidente est 28 graduum 31 minutorum
et non valent magistris locorum aliorum meridianorum
quia cuilibet civitati variatur locus, oportet variari tabulas
sit variata longitudo / vel applicatum variari. Dato
ergo quod aliquis locus distet [illegible] distans a Hai-
delberga per spacium miliaria Alemanica. Jam
dicitur [illegible] uno gradu. Dico de motu cuiuslibet
planete verificato per tabulas ad Haidelbergam verificatas
per 4 vel 16 miliaria intra [illegible] / motus
[illegible] minutorum unius hore et uno miliari
[illegible] minuti unius hore. Item 240 mi-
liaribus [illegible] unius hore [illegible]
[illegible] in una hora [illegible]. Item
quia [illegible] motus in loco orientali
a Haidelberga. Item in loco occidentali
quia Haidelberga [illegible] addi / ad radices motuum
verificata ad meridianum Haidelberge. Item quia
[illegible] meridianus Haidelbergensis / [illegible]
[illegible] vel Parisiensis
In fundamentum [illegible] Item Ambitus terre
ambitus terre est 5400 miliarium communium Alemanicorum
unum 8 stadia [illegible] stadiis
unum miliare. Item 240 miliaria intra
[illegible] una hora [illegible] diei [illegible]
miliaria [illegible] minutum unius hore. [illegible] hora
[illegible] unum miliare intra
fit [illegible] minuti unius hore. Dato
[illegible] in loco orientali a Haidelberga [illegible] uno
miliari / [illegible] a motu [illegible] planete verificato
per tabulas Haidelberge / [illegible] motus
minuti unius hore et 16 miliaribus / [illegible]
[illegible] minutorum unius hore / in tabula

Karz eius partis e .22. m. in hac urbe scilicet
motu omnis ciuitatis hoc est [illegible] ratione
si plus uel minus distant Et in loco
[illegible] totaliter adde ad radicem medii motus
per tablas [illegible] Et quia non
sunt tabule de minutis hore [illegible] Et
[illegible] plus [illegible] [illegible]
[illegible] [illegible] minuti omnis hore [illegible]
[illegible] [illegible] Verbi gratia in luna [illegible]
hora dat .32. m. 46. 2 que dabit omni
minuto $\frac{1}{60}$ qui [illegible] omnis hore est [illegible]
dabit .32. 2 est 46. [illegible] Et sic de aliis
Verum ut te absque difficultate [illegible] Expe-
dias [illegible] tabulam infrascriptam Radix
[illegible] in [illegible] totaliter addi [illegible]
[illegible] [illegible] que [illegible] [illegible] tuis
[illegible] tue radici Item [illegible]
parte Et radicem [illegible] tabulas [illegible]
tablas [illegible] ad medium [illegible]
[illegible] in [illegible] loci [illegible] Et
motu [illegible] .14. [illegible] in [illegible]
totaliter addi [illegible] et [illegible] tue
[illegible] uel medium tuum Et sic de aliis

Sa	0	1	14
Iu	0	3	0
Mars	0	19	30
Sol	0	31	0
Lu.	8	12	0
Ca.	0	2	0
Sa	0	34	3
Iu	0	33	3
Mars	0	11	1
Ve	0	23	0
Me	1	46	2
Lua	8	10	0
[illegible]	0	18	1
Porte	2	3	8

Medii motus

Arta meda

Verum quilibet [illegible] [illegible]
[illegible] [illegible] minuti
omnis hore Et Datur
[illegible] in [illegible] omnis minuti
omnis hore [illegible]
[illegible] [illegible]
Et [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] uel [illegible] Et adiste
[illegible] [illegible] medias
[illegible] altius [illegible]
[illegible] omnis hore [illegible]

Si autem invenias longitudinem et distantiam de longitudine
regionis tue ab aliqua civitate vel occidente regionis
oriente per tabulas alterius posita fac pro ea
tabulas qualiter ut longitudo eius ab oriente in medio
celi sit et simul ea per tabulas alterius regionis
diversarum meridianarum diversas distantias ut longitudinem
unius ab alia. Sit ut signum considerari lune de modo
qualiter [illegible] meridiana per tabulam et in
eadem hora signum eius longitudinem per tabulas alterius loci
et inde tunc secundum illas tempora quod invenies per tot
non consimiliter horas in prima et si fuerit in horis
differentie in prima de prima et similiter fuerit horas
et horas horas inter duo loca. Pro quolibet
hora in tempore continet XV gradus in celo et XXX
miliaria continet intra et pro illa motus
et per motu in zodiaco partem gradus in primo
per unum gradum medio quod intra per XXX miliaria
et in [illegible] continet hora applicant quod motu
De quantum mediis civitatis vel villa stella
fixa in celo vel eclipsis quod quantum
ab aliqua civitate vel villa sit vel extra
per eam medietatem meridianam civitatis
meridianam et tunc considera unius gradum eclipsis
in parte medie et de primum gradum pro
gradus intra et fuerit totum inter eas
distabunt XXX miliaria gradum quod de celo
in gradus fuerit et in tempore eorum horarum
Item ut facilius noscatur longitudo et latitudo
regionum inde tabulas in quo loco posita
vel spatia per [illegible] sit vel [illegible] gradus et
Scripta longitudo et latitudo et per filo elevatio de latitudine
tunc poli arctici cum orizonte et differentia
ita latitudo et per meridianum circuli intercepta de
polo et equinoctiali circulo [illegible] variatione
et tabulas [illegible] applicabit [illegible] et

2m a[li]os	Longitudo G.	m.	Latitudo G.	m.
Egipti	55	0	30	0
Alexandrie	60	27	30	18
Arim	66	30	31	50
Damasci	60	0	33	0
Antiochie	63	20	35	30
Armenie	77	0	41	0
Constantinopolis	56	40	43	40
Rome	30	25	41	50
Parisius	23	15	48	40
Tholeti	28	30	39	54
Cremone	31	0	40	0
Colonie	27	20	49	50
Maguncie	28	24?	50	9
Herbipol	28	32	51	16
Haidelberg	28	31	50	26
Nurnberg	28	20	51	10
Erdford	27	0	51	0
Prage	29	0	50	30
Wormacie	48?	31	47?	36
Constancie	27	30	48	30

2m alios	G.	m.	G.	m.
Septimi clima	·	47	·15·	·
Latitudo	G	m	G	m
Vienna	47	46	55	0
Parisius	48	50	41	45
Argentina	49	5	44	30
Spira	49	25	44	40
Wormacia	49	40	44	40
Maguncia	49	56	44	40
Rota	49	33	49	50
Herbipol	50	6	46	2
Medium septimi climatis			48	40
Frankfurt	49	35	44	50

Confluencia ·50·3· 44·30·
Colonia 50·20· 44·0·
Leodium 50·5· 41·50·
Erdford fis 50·30
50 50· 44·30·
G· m· G· m·
Latitudo Longitudo fis
Florencia [illegible]
42·50· Haidelberg
Janua -49·0
43·55· Erford
Ravenna 51-0.
44·0· Medeburg
Pisa 51-30.
44·5·
Bononia
44·55·
Padua
44·30·
Monspessulanus
44-50·
Arefetia
47·50·

Nota [illegible] ... [illegible]
puta a loco ite
tho ab oriente et
Ergo per cuilibet gradum
in celo fiunt spatia
in terra terrent
[illegible] miliaria et
despe sed tenent
per minuta minuta
scilicet idem cuilibet
gradui in celo

cadent infra 1080 miliaria versus almaniam
et tempore due horas interesse ergo tabulas h[ora]s et ipse
vel adveniente eclipsi [illegible] cadentur in [illegible]
duabus civitatibus [illegible] et [illegible] [illegible] cadatur Item
[illegible] in [illegible] horas [illegible] in duabus Cap[itulum] Sicut
[illegible] duabus [illegible] [illegible] [illegible] et [illegible] in logo de Almanach
Item [illegible] [illegible] in duabus [illegible] media
vel parte [illegible] Item [illegible] [illegible] [illegible]
[illegible] Item alia [illegible] [illegible] [illegible] [illegible]
Item [illegible] una [illegible] [illegible] [illegible] maior
vel minor [illegible] [illegible] Item [illegible] quod alia
distancia [illegible] 16 miliaria et Item [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] Item
dist[ancia] [illegible] altitudinis [illegible] motu quod [illegible]
[illegible] [illegible] [illegible] [illegible] et [illegible]
[illegible] tabulas [illegible] Item [illegible] Item [illegible] Exemplum
tabulas [illegible] [illegible] [illegible] et [illegible]
[illegible] [illegible] [illegible] [illegible]
quod [illegible] dist[ancia] [illegible] 32 miliaria [illegible]
[illegible] [illegible] dist[ancia] in duabus [illegible] alone
altitudinis Item [illegible] motu [illegible] [illegible] tabulas
[illegible] [illegible] [illegible] [illegible] tabula
[illegible] [illegible] in [illegible] [illegible] [illegible]
motu quod [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] Item [illegible] quod [illegible] [illegible]
vel [illegible] [illegible] [illegible] tabulas
[illegible] [illegible] [illegible] radices [illegible] Cadere
Et tabulas [illegible] [illegible] [illegible] [illegible] tabulas
[illegible] linea [illegible] dupla [illegible] [illegible]
[illegible] [illegible] [illegible] Item [illegible] [illegible]
[illegible] [illegible] [illegible] Item [illegible]
[illegible] Item [illegible] alia [illegible] [illegible] dist[ancia]
[illegible] et [illegible] [illegible] [illegible] [illegible]

Tabla declinacionis solis ab equatore s[ecundum] Almeona

Aries	Virgo	G	m	2	Taurus	Leo	G	m	2	Gemini	Cancer	G	m	2
0	30	0	0	0	0	30	11	31	36	0	30	20	15	0
1	29	0	24	0	1	29	11	52	45	1	29	20	27	36
2	28	0	48	0	2	28	12	13	40	2	28	20	35	48
3	27	1	11	56	3	27	12	34	23	3	27	20	52	39
4	26	1	35	31	4	26	12	54	53	4	26	21	3	9
5	25	1	59	47	5	25	13	15	11	5	25	21	14	12
6	24	2	23	40	6	24	13	35	16	6	24	21	24	56
7	23	2	47	30	7	23	13	55	7	7	23	21	35	11
8	22	3	11	19	8	22	14	14	41	8	22	21	45	2
9	21	3	35	5	9	21	14	33	6	9	21	22	54	25
10	20	3	58	46	10	20	14	53	11	10	20	22	3	35
11	19	4	22	28	11	19	15	12	3	11	19	22	12	16
12	18	4	46	0	12	18	15	30	41	12	18	22	20	29
13	17	5	9	30	13	17	15	49	2	13	17	22	28	17
14	16	5	32	55	14	16	16	7	8	14	16	22	35	38
15	15	5	6	15	15	15	16	25	57	15	15	22	42	36
16	14	6	19	25	16	14	16	43	25	16	14	22	49	6
17	13	6	42	38	17	13	16	59	45	17	13	23	55	44
18	12	7	5	40	18	12	17	10	44	18	12	23	1	59
19	11	7	28	34	19	11	17	33	25	19	11	23	5	10
20	10	7	51	25	20	10	17	49	46	20	10	23	10	46
21	9	8	14	5	21	9	18	6	48	21	9	23	15	5
22	8	8	36	49	22	8	18	21	29	22	8	23	18	56
23	7	8	59	3	23	7	18	36	43	23	7	23	22	19
24	6	9	21	20	24	6	18	51	40	24	6	23	25	21
25	5	9	43	28	25	5	19	6	31	25	5	23	27	49
26	4	10	5	27	26	4	19	22	6	26	4	23	29	50
27	3	10	27	14	27	3	19	35	7	27	3	23	31	44
28	2	10	48	52	28	2	19	48	48	28	2	23	32	2
29	1	11	10	19	29	1	20	2	7	29	1	23	33	13
30	0	11	31	36	30	0	20	15	0	30	0	23	33	30

Valzia tabla pertinet aliis · Desrois utz d'utilitas haslatis

Pisces	Libra				Aquarius	Scorpius				Capricornus	Sagittarius			

Compositio astrolabii

Astrolabium componere accepto stellarum altitudines. Ptolo-
meus planispherium [illegible] ex torquetio sphere totius
supplanum [illegible] si materiale componere
volueris. Accipe tabulam [illegible] una parte
planata [illegible] alia una tu apta. Super
quam fac duos circulos [illegible]
[illegible] unus. Alium [illegible]
quam [illegible] unus [illegible]
[illegible] equinoctiali [illegible] fac communi
[illegible] circulum [illegible] distantia [illegible] placet tibi
[illegible] secantes partes [illegible] tropicum [illegible]
capricorni [illegible] gradus [illegible]
[illegible] D. [illegible] latere B [illegible]
A. [illegible] C. Circuli [illegible] quadratura
[illegible] alios [illegible] circulos [illegible]
[illegible] Postea divide circulum [illegible]
partem in 360 [illegible]
[illegible] ab A [illegible] D [illegible] ab [illegible]
[illegible] 23 [illegible] 33 [illegible]
[illegible] [illegible] una [illegible]
[illegible] parte [illegible] circulos
[illegible] astrolabii quod [illegible] E. [illegible]
[illegible] tropici capricorni [illegible]
[illegible] F. [illegible]
[illegible] F. et [illegible] B. et [illegible]
[illegible] E. [illegible] B.
[illegible] E.
[illegible] E. [illegible]
[illegible] circulum [illegible]
[illegible] 1 [illegible] l. [illegible]
in latere [illegible] [illegible] Postea

[illegible] 23 [illegible] 33 [illegible]
[illegible]

pone ram itez suppositam rectiatoris p cedaz s 23.
. g. et 33. interz et supportē d e / et r desperz
circulū aequē fac punctū .m. Deīn pone ram
suppositū / m et b / et ad intersec. circl a e c /
item fac punctū .n. super quod puncto .n. facientū
po. pede immobili ad e. et mobilem
ad .n. quasi arcus ab t. sicque cadens vel estimat
Almicantarat — Bar zenit idem b quod in almicantarat
Item lt.ms. ... sub poli elevacione alti
ad zenit id tue ... aequalis arcl ... ascē
labium. Dein n. ... libz ... quo lib.
... cōtte ... ... angulz
e ascē labium ... ascē lam ... sue
... tertia. ... et media ...
... cōtte ... et ... lte. ... su
a d ... c. Deīn pone ... super ... e.
et alia p̄te supe ... id lte m. et d
desperz ... aequē fac punctū d. / Item su
cald lte. a b. ... x ... fine ... e pone
ram supsine ... et supportz e. et fac punctū
p. ... aequē ... desperz ... puncto appar
puncto spari ... d. Deīn pone ram suppositū
d et alad. suppositū b. et d desperz circl
a c e / fac punctū .q. Deīn fiat arcus p
puncta b. q. et h. Et quod arcus ... desperz
a c e ... circulū ... facie ... ... cap.
... et i. ... orizon ... sub ... ta
... almicantarat ... alia almi
cantarat fiat ... i. ... ... ale
... Deinde ... circulū aequē ... b d
... p. punctū h / m 36 / ... ...

almucantarati circulo faciendo puta [illegible] divisionem
in circulo [illegible] Si vis scire almicantarat. et [illegible]
divide per quadrantem in 90. Si tamen [illegible]
divide per quadrantem ab [illegible] in 60 partes
Si duas divide [illegible] in 90. [illegible] partes
Si [illegible] divide in 180 partes. Si vis
scire almicantarat [illegible] divide in 30
partes [illegible] valorem almicantarat
[illegible] circulo capricorni [illegible] distancie
almucantarath [illegible] 33 [illegible]
[illegible] almucantarath [illegible] Si vis [illegible] supra
divisiones [illegible] et [illegible] partes sup-
[illegible] inter [illegible] distancie [illegible] fac
[illegible] poc [illegible] suppar
[illegible] et [illegible] partes sup
[illegible] inter [illegible] distancie [illegible] facit
[illegible] dicere [illegible]
[illegible] puta [illegible] et fac [illegible]
[illegible] puta [illegible]
capricorni Si vis poc [illegible] divisiones [illegible]
[illegible] supponatur [illegible] nota
[illegible] vestro [illegible] poc [illegible]
[illegible] divisiones [illegible] partes sup
[illegible] inter [illegible] distanciam [illegible]
[illegible] puta [illegible]
[illegible] puta [illegible]
[illegible] zenith [illegible]
[illegible] almicantarat
[illegible] zenith [illegible] Si [illegible] zenith
[illegible] tabulas [illegible]
[illegible] puta [illegible]
[illegible] zenith [illegible] vestro

aec/ Tunc circulum quem describes et signa generatum
thesis linea/ a. b. c. d./ ponendo pedem in puncto initii
s. in latere sinistro et tangendo eius dextram eos
e. Deinde protrahe dyametrum a. d. e. f./ ex parte utraque
dividendo circulum in duas equalias partes capoe
regulam supponendo e./ circina et elevatio parte super-
ficiam divides ad a./ capere b./ et c. ab superiori
dyametrum a. d. f. b./ post punctum et pone iterum pedem
superiorem f. et ad superficiam divides in h. et capere
et iterum non punctum in dyametro a. d. f. b. Deinde
pone secundum ad quartam divides/ aliter circina semel
et ad parte supponendo f./ iterum secundo punctum ab-
scisionis dyametri a. d. f. b. / sequitur aequam tertio
procise ostendens et Deinde unum punctum pone
pede circini in medio/ et alium extendas usque
ad a./ faciendo circulum per manendo in super
ad zodiac circulum parte sinistra d. / Facto enim circino
minuto procedas pone eundem punctum per post tu
alios/ pede in medio/ et iterum fac circulum exten-
dendo circinum ad a./ quod dimidium erit circuli tropici
pro zenith et capere/ iterum fac circinum in minuto
circulo/ parte d. et habebis circulum azimuth
quod gradus ex. m. gradus Deinde si divisisses
circulum primum exteriorem in 36 partes habebis
per azimuth communem quorum quodlibet si vis
habebis 36 azimuth communem secundum quodlibet. Si divi-
seris in 360 partes habebis azimuth omnium quod gradus
et divide eas ut 12 partes equales circuli in 12
partes et habebis azimuth 2 gradus et in 30 et
habebis 3 gradus et in 60 et habebis 6 gradus azi-
muth et sic de ceteris cum existentia

Rhaius p[er] altar[e] Deinde t[em]p[or]is capricorni [illegible] Hora
in zona [illegible] annos in 12 [illegible] [illegible] Vertad
[illegible] abodte [illegible] cont[ra] [illegible] deinde [illegible]
Item in [illegible] fu[n]t adpa[rtes] dimiorum
[illegible] puncta [illegible] t[em]p[or]is ducta [et] circina [illegible]
capricorni [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] Item in [illegible] [illegible] aliq[ua] puncta
[illegible] adeo [illegible] ad fine[m] in [illegible] lateribus [et]
Rostrum [illegible] [illegible] in [illegible] Rothe
[illegible] placitu[m] [illegible] facia[m] circulu[m] capricorni [illegible]
[illegible] t[em]p[or]is [illegible] [illegible] duas [illegible] [illegible]
[illegible] ut [illegible] q[ua]drado circulu[m] capricorni
[illegible] [illegible] [illegible] a [illegible] Et circulu[m] [illegible]
[illegible] [illegible] [illegible] Circulu[m] [illegible]
in [illegible] Item in [illegible] circulu[m] [illegible] [illegible] l [illegible]
[illegible] [illegible] in [illegible] i [illegible] [illegible]
[illegible] [illegible] Item in [illegible] [illegible] circulu[m] [illegible]
zoti [illegible] [illegible] [illegible] dum [illegible] aliu[m] [illegible]
[illegible] [illegible] infra [illegible] circulu[m] Item in dum [illegible]
zona [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] tabulis
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [et] puncta [illegible] [illegible]
puncta [illegible] [illegible] Deinde [illegible] zona [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] l [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
Hec tabula [illegible] dum [illegible] zoti [illegible] [illegible]
[et] [illegible] [illegible] [illegible] in circulo [illegible] [illegible]
tabula [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Exemplum in prima tabula sumptis gradibus arietis signo in primo collumnis recipiatur cum regula adrectae applicabitur fixa ab una parte vel gradus [illegible] medietas(?) altitudinis est 34 m. [illegible] cadit in [illegible] i. cadit vel et gradus medietatis quanti gradus [illegible] particularia. Exemplum gradibus arietis recipiendo [illegible] nove et 11 m. [illegible] gradus. Exemplum gradus ariet(is) cadit 13 gradus [illegible] cum 52 m. et [illegible]. Exemplum [illegible] capiatur 27 gradus [illegible] cum 52 m. et [illegible]. Exemplum gradus [illegible] capiatur 63 gradus [illegible] cum 2 m. [illegible] in [illegible] [illegible]

Prima quarta

Gradus	Ari G	m	Tau G	m	Gem G	m
4	5	34	32	52	63	2
10	9	11	37	35	68	21
14	13	57	52	30	73	52
20	18	29	57	31	79	7
24	23	8	42	37	85	33
30	27	43	47	57	90	0

2a quarta

Gradus	Can G	m	Leo G	m	Virgo G	m
4	4	38	37	23	66	42
10	10	43	52	29	71	33
14	15	18	57	30	76	52
20	21	39	42	26	80	59
24	26	18	47	28	84	42
30	32	18	62	7	90	0

Tercia quarta

Gradus	Lib G	m	Sco G	m	Sagit G	m
4	5	34	32	52	63	2
10	9	11	37	35	68	21
14	13	57	52	30	73	52
20	18	29	57	31	79	7
24	23	8	42	37	85	33
30	27	43	47	57	90	0

Equinoctialis

Signa

Quarta quarta

Gradus	Ca G	m	Aqua G	m	Pisc G	m
4	4	38	37	23	66	42
10	10	43	52	29	71	33
14	15	18	57	30	76	52
20	21	39	42	26	80	59
24	26	18	47	28	84	42
30	32	18	62	7	90	0

Equinoctialis anni

Signa

20 55

Si stellas fixas vis in [illegible] imponere scias tabulam earum infrascriptam et vide cuius signi sint stella et quot sint gradus longitudinis quos gradus accipite et signi in zodiaco [illegible] Deinde pone eandem [illegible] partem superius [illegible] et [illegible] super [illegible] rethe et [illegible] linea [illegible] super rethe a[illegible] capitulum [illegible] rethe et si in tabula fuerint minuta [illegible] gradus [illegible] equatorem [illegible] signi Deinde [illegible] stelle in tabula [illegible] et [illegible] gradus [illegible] accipite astrolabii [illegible] armillam [illegible] si stella [illegible] [illegible] si meridionalis fuerit [illegible] pone eandem [illegible] et [illegible] super [illegible] rethe et [illegible] [illegible] in rethe [illegible] fac punctum [illegible] Deinde pone eandem superius punctum [illegible] partem [illegible] linea [illegible] rethe facit [illegible] punctum Deinde re-cipe [illegible] [illegible] abrete rethe et [illegible] ad [illegible] punctum [illegible] rethe [illegible] gradus [illegible] ad [illegible] punctum [illegible] punctum [illegible] [illegible] [illegible] pone [illegible] stelle [illegible] et si aliqua stella tetigerit zodiacum [illegible] impediunt [illegible] [illegible] imponere et

Et [illegible] linea [illegible] [illegible] capricorni [illegible] equatorem [illegible] orie-ntalibus [illegible] et [illegible] cancri fac punctum [illegible] pone [illegible] ad [illegible] partem [illegible] et [illegible] fac punctum Deinde pone [illegible] arietis

Stelle

Linea [illegible]

et ad iis gra circulo aspte(?) orient et ad finem pq lite
fac punctu . Deinde in parte aust circuli aict ad almi-
kantarath ibi eodem aspte orient et facit punctu
circa pun circuli lib. Postea per 3 puncta duos
addyteru ad almikantarath descri . Signando centrum
adi ta puncta ia figura et facit medium
circulum . Et ea d pra ti circulo capit quinando
et cad zont et ea coniunge cum linea cent in
ca ad o clamo . Ponendo super eum indicem
alm d et ea in ona pd ast labii fracte
Sextum — Deinde ast labii c super tu faciem . Et in cir
circulo aliquot circulos cum cirtioz per ing
eodem 2 m per illa met 2 m primo sign
et m met signis quod circulos gra ab et ea
infra signa d c b . Deinde 2 m circulum divide
in 360 gra et ing littera scribe omnium eodem
ior dispicendo super 4 10 15 20 25 vel 2 m quod
placet ita quod signa grey gra et m ita
a . Deinde maius a d gra c eo . scribendo
go . et signando ita . c . Et scribe a b . signa
cet grey c eo . et primo quod ita a z c similiter
signa cum eodem ita pado go . et
Deinde in impletione per signum ea aict ita . b
tita et m d d ima signos . Item circulo
per gra signos et figura secundo signos
Deinde dividendo circulum signos et dimidium
quarta circulum et quarta et diminuta inter
te signa et quarta . per in ut et sunt
quarta posita in grey gra circulo et hec
360 . inter circulo gra . Deinde sic in aliis
circul fit cum quarta dimidi in
360 petra per ordinem

Sed in ipsa macro cum diebus fiendo possessio Mess
aulas fenestre cum ante pdictus inferius
2m dicare p mo dicit 3m 30 mart inferius
Sed post ita fit eide in tabula inferius specia
quedam lz iam aug et kal. 31. immo apud
utabla parte Sed cum inde in d° fenestra 2 lsel
cp in capitulo cp et sol intez ca sicut capit
2 cedit cum 30 cit i tumeo. cedit / cel ilud
in tabula parte cum diebus januarii correntibus
lz procedo diebus januarii capte 29 et 24
in capitulo et tita alijs dicendo / aut cp
tabla otiz Sed lz acum ca sicut et
. x. f. 2 20 in / apud diebus januarii et ordo
inferius dicuntur et pam Et declarando inferius
cum dicitur ca / c / d partes et capitul incidit
januarium et cetera b a d post ad c declarando
2m d. cum et ineffabilem post de fine
dimidio et id spacia dicit sicut aliqua
taulis dum dimisisti pedes secus omnium
ut 4. 10. 14. 20. 24. 30 cel. 31 2m et sicut
ineffabilem ordo aug otiz. 3 64. dicit et Finas
et licias hodie ita potest dispone tlz lzar.
Dimide sextidula intiez. a d cept b dic
cum lia et pedes etiam dimis lz cept
certo in et pthedo adeo lz sicut ita
cum pedes omni li coma licaz aulaz pedes
illi omnium hodie Sed aut apparet dico puto
spac. 1. dim 2. 3. x et post ad. d. spac
cedo illud. 12. paredo et post pedes
tertia parte pedes et in ideo et Scala
ip scala altimet facundo suprest. Scala
cum ostiorum aulae et quod tlz 2 b
Sed et in ostio aulae. 24. gradus

int d e c / e d po[n]cranda. circinia et cum parte d[?]
super[ior]. E. ¶ Et pertice lineam ab vltra circulo
usque ad centrum. e. / Et cum puncto altera b. usque c. e. h.
ad centrum e. et pertice lineam ab e / quod due centri
descripte equales et equale distantie ¶ Deinde quadrantem
cuiuslibet distantie ad alterum circulum usque ad quadrantem
alterius distantie circuli lineam pertice / et ab-
scindes distantiam a c. / facies punctum f. super pe
pedem circini et aliud extende usque ad unum
quadrantem circino ita extendo pone unum pedem
ad E et cum alio fac punctum alibi parte di-
stanti d e b / ad quod punctum pertice lineam usque
ad quadrantem distantie equale ad circulum et habebis duo
puncta que sunt equales ad sensum dividere per partes
equales unum punctum supponendo circa distantias
d e b pedes ¶ Deinde 2 / Deinde 3 et
adicies [?] circumferentiam usque ¶ Deinde ad f. diuide
pone unum usque per b. / producendo vel
diuisionem ¶ Ita similiter in medio scala circuli diuide
diuide similiter circa distantias d e b / e describendo
circa unius punctum circumferentie ¶ Deinde circa f.
inter diuide usque d a d. scala e inter 3
circumferentia ¶ Deinde in medio circuli usque ad ... scribe
distantias unius. 12. ita quod d finiatur
in duo scala / que tamen una tamen sufficit ¶
¶ Deinde tabule due ¶ Secunda per disposi-
tione scalarum figurarum ¶ Et in medio
dicitur in medium ponendum ¶ Circa

	Nomina stellarum fixarum	Loci earum in signis G	m	Latitudo G	m	ab ecliptica	magnitudo	
Ar	Cornuaries	22	0	16	30	mer		4
♉	Venter ceti	2	0	19	0	mer		10
♉	Caput persi	11	30	57	0	sep		14
	Almenkar	9	30	6	0	sep		20
♊	Algorzab	10	0	37	0	sept		24
	Aldebaran	2	0	14	30	sep	pme	30
Ca	Hircyalhaiq	10	0	54	0	sep	pme	31
♋	Rigthel	12	0	10	0	sep	pme	
	Alonese	23	0	6	0	sep		4
	Alhabor	4	0	16	0	mer	pd	10
Ca	Algomeisa	17	0	7	0	sep	pe	14
♋	Cauda lerais	11	30	33	0	sep		20
leo	Cor leonis	21	0	14	0	sep	pd	28
♌	Ydra	11	0	8	20	mer	sec	28
♍	Alzaph	20	30	18	0	sep		4
	Vlt rota	2	0	65	0	sep		10
♎	Perltia	8	0	49	20	sep		14
	2a rota	18	0	47	0	sep		20
mid	prima	28	0	60	30	sep		24
	1a equina	7	0	48	30	sep		30
♏	2a equina	16	30	48	0	sep		31
lib	Ermas	23	0	42	20	sep		
	Spica	18	0	7	30	mer	pd	4
♏	Alramech	28	30	23	0	sep	pd	10
	Elfeta	20	0	29	0	sep		14
♏	Ansa libre	18	0	6	30	mer		20
	Cor scor	17	0	16	30	mer		24
	Tesidep	1	30	35	0	mer		30
♐	Alhaiue	24	0	41	0	sep		
	Aroga	5	30	38	30	sep		4
	Althaire	18	0	7	0	sep		10
	Arice	5	0	53	0	sep		14
	Delphin	6	32	32	0	sep		20
								24
	Quergen	6	30	11	30	sep		30
pisc	Andromeda	24	0	26	0	sep		31
	Finisaq	6	0	28	20	mer		
		G	m	G	m			

Longitudo in signis — Latitudo in gradibus — ab ecliptica — Declinacio meridiana vel septentrionalis

Tabula medii motus solis in signis

	G	m		G	m
Januar. Capricorni	28	30	Jul.	21	16
	29	34		26	2
Aquarii	5	50	Leo	0	40
	9	56		4	34
	15	41		10	21
	19	44		14	10
	20	44		16	7
Febr.	G	m	Aug.		
	24	48		20	44
pisc	1	0		24	58
	6	0	Vo.	0	38
	11	0		4	24
	16	0		10	16
	18	48		14	8
Mar	G	m			
	23	44		16	7
	28	42	Sep		
Arietis	3	57		21	0
	8	52		24	44
	13	37	Lib	0	40
	18	30		4	56
	19	28		10	53
Apri	G	m		~~10~~	~~5~~
	28	21		14	50
	29	10	Oct		
Thauri	5	0		20	50
	8	40		24	50
	13	50	Scor	0	50
	18	27		4	53
Maii	G	m		10	56
	23	13		14	40
	28	0		16	41
Gem	2	57	Novem		
	7	32		21	48
	12	18		27	0
	17	3	Sa	2	4
	18	0		7	10
Iunii	G	m		12	17
	22	54		17	28
	27	30	Decem		
Canc	2	14		22	30
	7	3		27	38
	11	56	Cap	2	54
	16	31		7	43
	G	m		13	0
				18	7
				19	8

Si theologus dns rex vel dn̄i placeat facere | ne
ita fac theologum in pietate a teneto deliri ad- | ꝛ
eleuatorẽ cum nobilis qd̄ dns scpt vero fiat
cuiq adaptz teneri vel ei placet q dim dd ptes
prisq potest i . v . parte eqlas e dua linee
ppe dirat dext° auli ad puctu it dimisiom Et
ofictar stilq adxt̄m auli 2m eqlas reta e
ꝑalae e sit stilq ad plam lucte vel gradq
q ep sit ad lo m. medij dextri auli qd q
cl cto 2 4 3 nopez Si in plano fiat in | In plano
ea ad libitu vqaq q diuidat in x. eqlia ꝑt
duo oficid qd li dimidat in sex eqlia sbtil
no e hs eo licias ꝑ plu puncta signado aute
dim tlid licia rea tasfcal aulu ofic puncto
spondere Dein pac ram a puncto auli p̄ illas
sigfatas ad licias ꝑtech̄ faciendo puncta ulcia
qt° vltra ponere vofile Dein dimidat . ma
auli vqꝑ. aq dq̄ q vci° apuncto qtd̄ mia
tant ondq ad alt eadem. infra terra eleuat̄ et
orizonte q eleuat° ꝫ ex fcldie . 39 . gr . magu
cie et haidelb . . 20 . qd oꝑ eleuatorẽ
signa vteru auli on onq Dein pac ram
ad ext̄m auli e suppo ueto eleua et est ca
ꝑ ostud e d ut ꝑatz licaz qtd̄ facit puctu
Dein pac pac z ꝑ mo z vcc̄ auli e aliu
ostende dim puncto licia qtd̄ Dnstu
p eleuat° 3 eanol Postea tmo ita ꝑtate
pac pade ꝑ mo z dpunctu qtd̄ ofidq e
aliu ostende exta licia dextrali sinistru
parte auli tard mote sit dabit ostiꝑio
ci in e puctq illud ducy at oaq loc nasi
sid stili dponendi Dein pac ꝑ ostla sup
im puctu stili e suppunata ꝑ ota semity

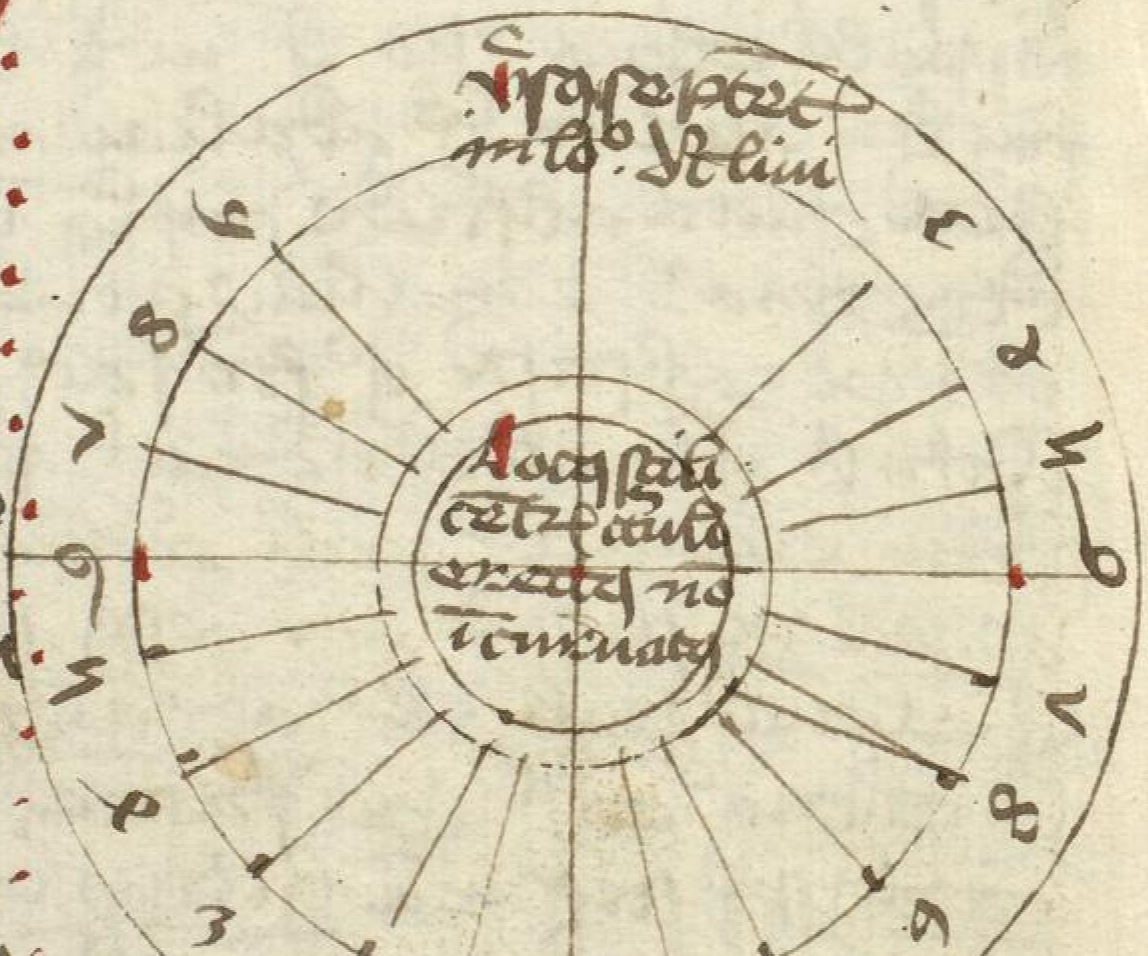
in linea orientis et tha[?] linee horarie ad extremum
circuli. Circulatur autem tocius porte elevationes
poli cum summitate sua ad elevationes poli alicui
quod exordie ibi [illegible] 40 [illegible]
[illegible] xxx [illegible] intabula [illegible] regionum
Si vero vis elevationes poli per [illegible] regionis
[illegible] canone de utilitatibus
astrolabii vel tabulas [illegible] portam et
elevatio poli. Si vero [illegible] elevationes vel [illegible] capta poli
altitudine atque regionis vel [illegible] eam
a quo et qui [illegible] elevatio [illegible] circuli
[illegible] mediam circuli inter [illegible]
et orizontem [illegible] medie [illegible] regione
Ad meridiem. Si [illegible] lineam meridianam perscrutari
[illegible] summo [illegible] in plano [illegible]
[illegible] loco [illegible] poli
elevationes poli et [illegible]
elevationes [illegible] modo [illegible] et
Ad circulos. Si [illegible] linea
elevationes [illegible] ita [illegible] lineas
[illegible] medie [illegible] linea [illegible]
[illegible] circulum [illegible] linea [illegible]
[illegible] linea [illegible] circulum [illegible] lineam
[illegible] ad latus circuli [illegible] di
uidatur [illegible] portas [illegible]
circuli [illegible] linea [illegible] et [illegible]
fiat [illegible] linea [illegible] et ita [illegible]
[illegible] linea [illegible] ita [illegible]
linea meridiana [illegible]
linee horarie et [illegible] poli sit [illegible]
[illegible] porte [illegible] circuli [illegible]
Ad [illegible]. [illegible] sit [illegible] et [illegible]
[illegible] horas [illegible] [illegible]
poli et in circuli [illegible] et

Ad sciendum certificationem eius quod ars ... i. Certifi-
ad angulos rectos quadratos et certi certificat catio
per scidem papiri vel lignum directe et protrahe ad
quadratum sine eorum angulo ad quadrante et quadrata poli
elevatos. Deinde in papiro vel ligno hoc ad unam
artem eius ponde cum ... et ... vel lignum ...
arte et ... quadrante in papiro punctum ...
cado ... quod sic ... etiam ...
protrahe eorum anguli quod divide in 4 partes ...
et ... partem ... signabit ... et ... recept
... ... sinistra ...
... quia ... poli
... adhuc ... divide eorum ...
... inter partes ... et ... ad-
... quadrati ... quadrati ad ...
... cum ... ad ... punctum ...
et ... quadrati ... quadrati ...
... punctum ... divise et ...
protrahe poli elevationis ... inter ...
... poli elevationis ... ut ...
... applica ... ad alias ... Tertia
... alia parte ... quadrati
... ad alias artes quadrati et ...
... quod sic ... a capite
... quadrati ad quadrati ...
... poli ... quod sic ...
... sinistra manum
... poli ... ad ... ad dextra
... certifi-
... capias ... par-
... in una manu ... una
... manu ... Alia ... dextra ...
... duos ... te

ter dum circumspicio [illegible] de lectulo tuo constitutam [illegible]
sic adversus te alteram partem dimittas a certo loco [illegible]
[illegible] ad modo [illegible] linee perpendiculariter [illegible] directe
verticaliter a te sursum et [illegible] per loco aliquo
[illegible] erit sic dicere [illegible] in linea recta. Itaque
[illegible] poli est ad manum sinistram. [illegible]
[illegible] in media linea recta ita tu [illegible]
[illegible] parte [illegible] versus [illegible] [illegible] sicut facere
[illegible] [illegible] in media linea punctum
[illegible] [illegible] cum te sursum [illegible] [illegible]
[illegible] punctum [illegible] [illegible] duc lineam
[illegible] [illegible] 2m [illegible] et adversus te sursum
[illegible] [illegible] [illegible] [illegible] hec
linee [illegible] adversus te [illegible] [illegible]
[illegible] [illegible] [illegible] edificatoris [illegible] Et
alius [illegible] [illegible] [illegible] in linea [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] edificatorem ad [illegible] [illegible]

Sive poli elevacio

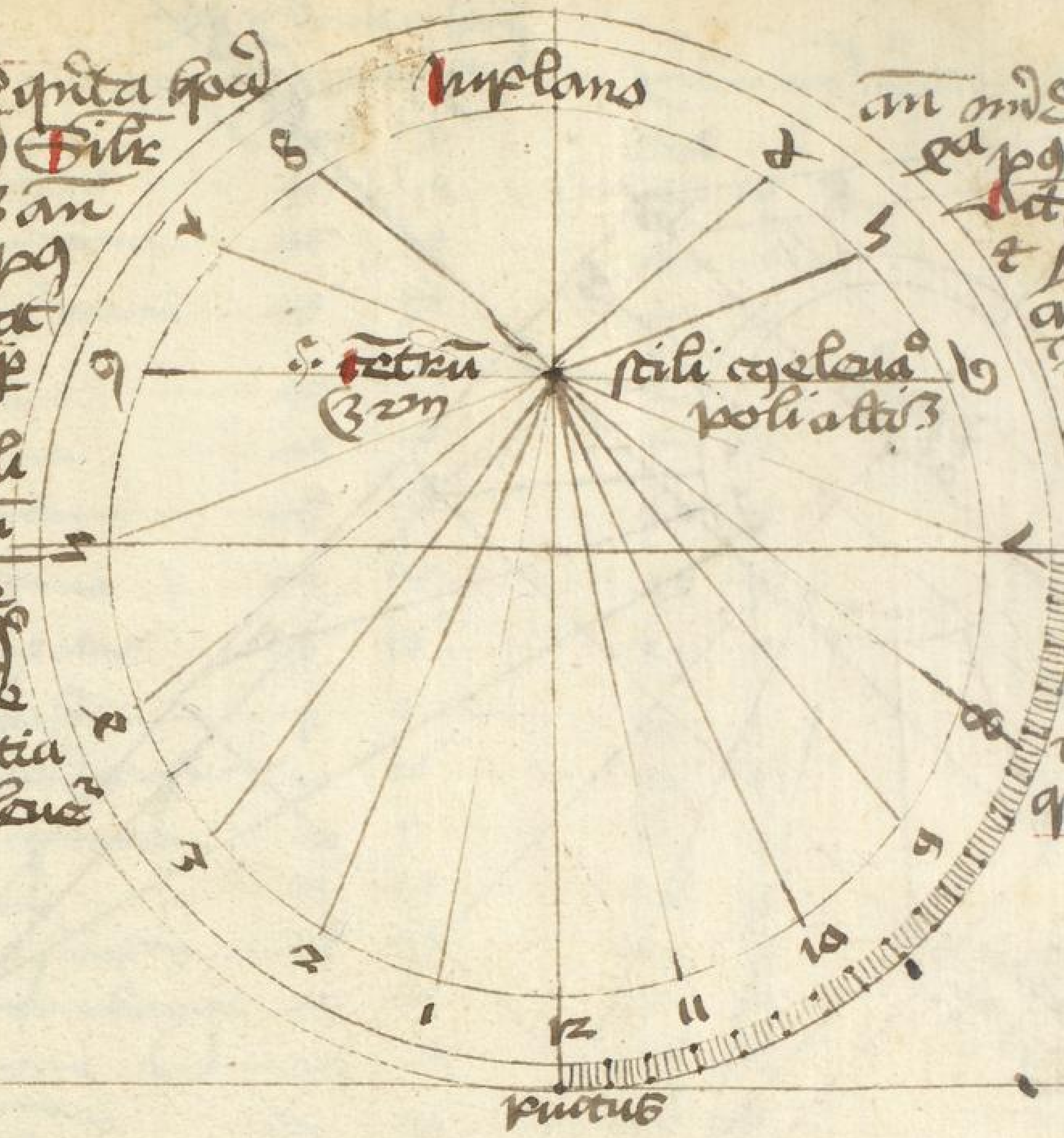
Latitudo	G.	M.
Roma	41	50
Florencia	42	50
Janua	43	55
Ravenna	44	0
Pisa	44	0
Bononia	44	55
Padua	44	30
Parisius	48	0
Nova porta	44	[illegible]
Argentina	47	50
Haidelberg	49	0
Maguncia	50	14
Colonia	50	50
Erdford	51	0
Medburgensis	51	30
Wratislavia	51	50
Vienna	47	[illegible]
St. Wilnach	48	24
Constancia	48	30



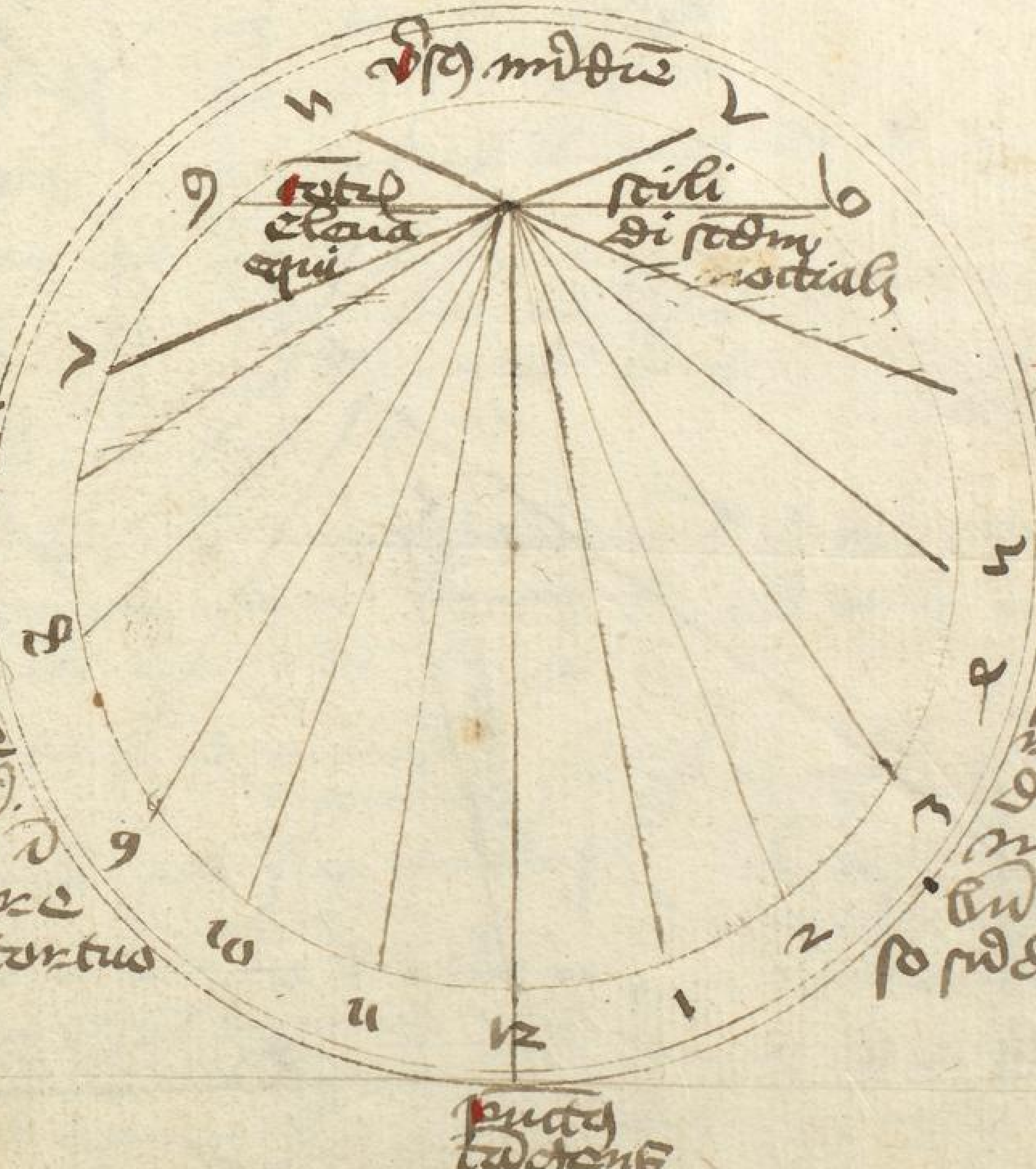
Sub equinoctiali elevacio [illegible] 28 gradus

Item figura horologii / ygii pro Silic[et] / datur ... an / dat ... pro / septentrio dat / Et exemp / latitudo / ... stili / Cuius an / meridie / stili ... / ... ele / ... / ... eleva

an meridie dat / ... pro meridie / data an / ... pro / an ... / Vel hora / ... / dabit / ... pro / Et locus / ... / natus / ... / ... polum



Linea contingentie



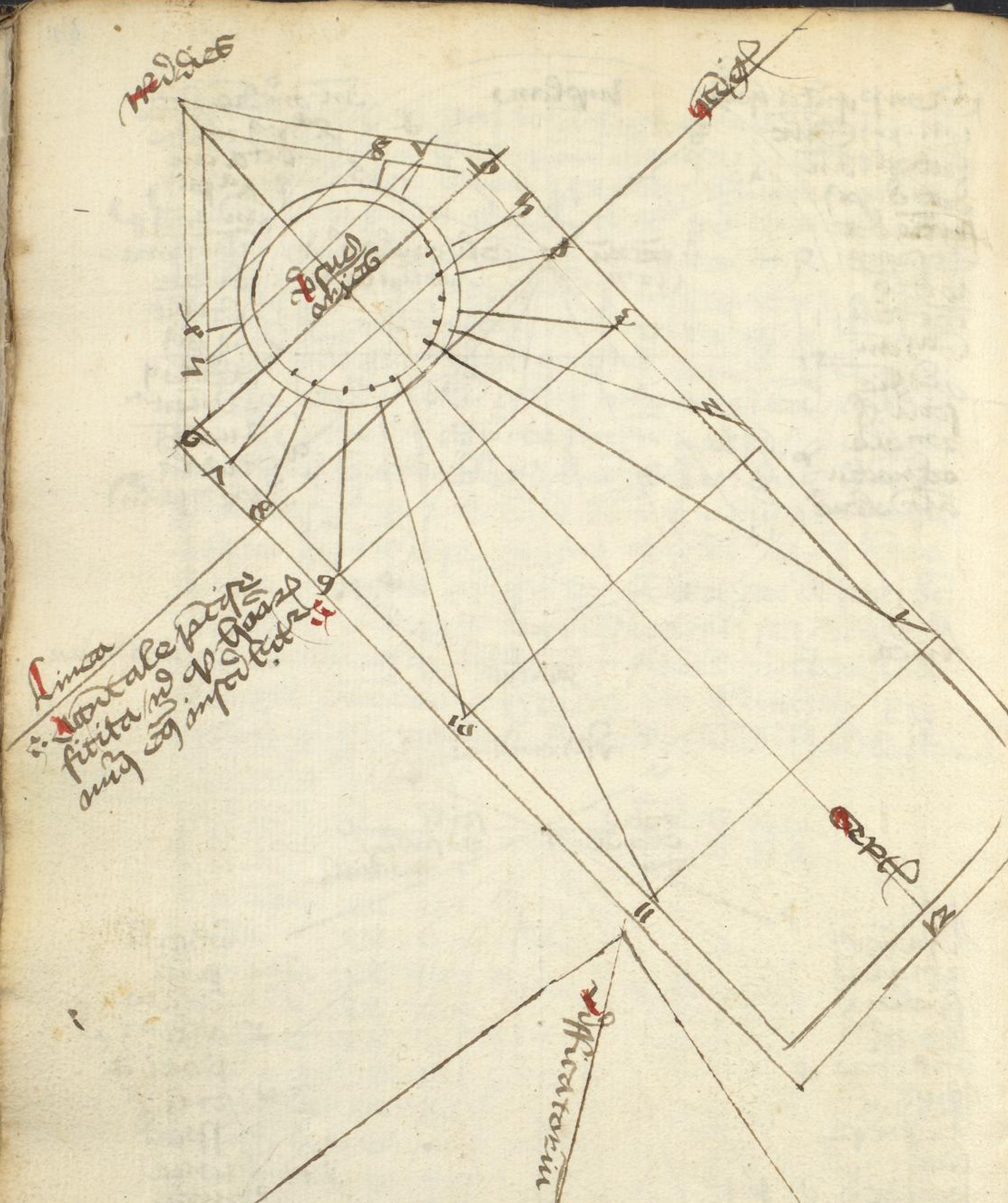
... ducatur / ... altitudo / ... elevat / ... / ... / ... at / ... / ... mid. / ponendo ... / ... / ... non tortus

Linea

... stili / poli / ... / altitud / ... / stili / ... / diana / ... / ... planus / ... linea

contingentie

punctus ...



Linea
Angulus poli

Nomina ciuitatum	Eleuatio poli ~~47 44~~ Gradus	minuta		Eleuatio equinoctialis Gradus	minuta
Friburgi	47	54	—	42	6
Argentina	47	50	—	42	10
Constantia	46	30	—	43	30
Basilea	47	0	—	43	0
Ulma	47	4	—	42	56
Memmingia	47	56	—	42	4
Colonia	49	50	—	40	10
Herbipolis	50	16	—	39	44
Erfordia	51	0	—	39	0
Heidelberga	50	26	—	39	34
Moguntia	50	9	—	39	51
Roma	41	50	—	48	10
Parisius	48	50	—	41	10
Nurenberga	49	30	—	40	30
Verone	45	20	—	44	40
[illegible]	35	50	—	54	10
Tolosa	43	30	—	46	30
Franckfurd	50	35	—	39	25
Friburg	47	50 latitudo longitudo 28 27			

	gradus	minuta	
Oriens	48	47	in respectu poli
Oriens	41	15	[illegible]
cancri	64	48	[illegible]
capricorni	17	42	[illegible]

Ad eleuationem poli ad inueniendum super quadrantem correcta a doctore daniele scilicet 47 et 50 et sic eleuatio equinoctialis scilicet 42 10

Ab ariete ad cancrum / capricornum sunt gradus 23 minuta 33

Eleuatio poli super Tuwingen		
poli	48	3
cancri	64	30
arietis	41	57
capricorni	18	24

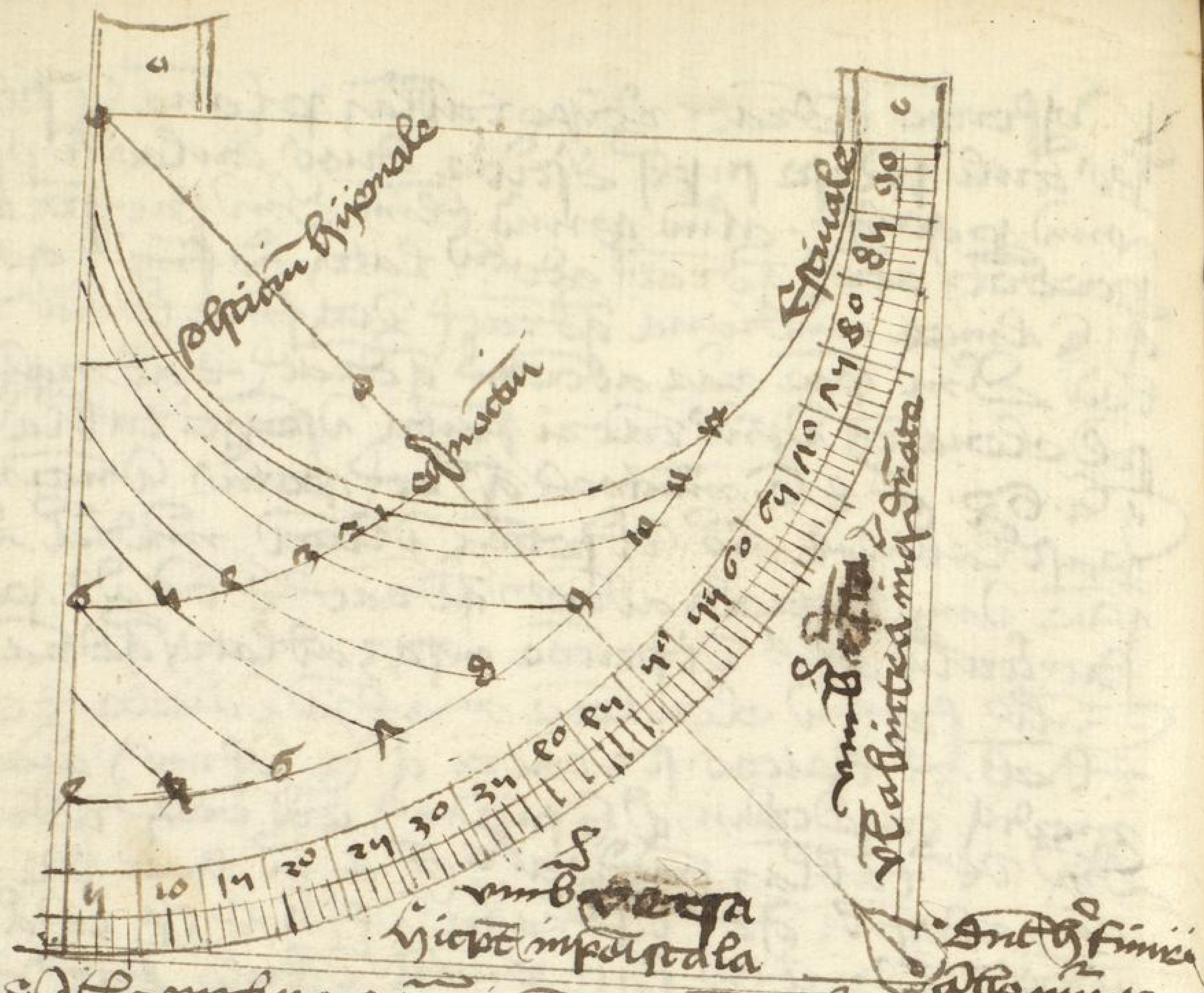
Corpus in meridie describere et [illegible] 18 gradus et 42 minuta usque ad capricornum et a capricornio 23 gradus et 33 minuta usque ad equinoctialem et inde 23 gradus et 33 minuta usque ad cancrum et ergo 24 gradus et 2 minuta usque ad zenith corporis et [illegible] in toto 90

In superficie quadrati recipe tabulam planam que sit ex
partes anuli [illegible] [illegible] [illegible] duos circulos [illegible]
unum [illegible] [illegible] aliud [illegible] [illegible] [illegible] fac [illegible]
[illegible] quadrati ad [illegible] latus [illegible] finis 90. [illegible]
[illegible] linea meridiana quadrati [illegible] fine [illegible] 12
[illegible] [illegible] [illegible] [illegible] quadrati et ad [illegible]
solis elevaciones [illegible] cancri [illegible] [illegible] tabula [illegible]
[illegible] 64 g. et 6 minuta [illegible] [illegible] potest [illegible]
[illegible] [illegible] non [illegible] [illegible] linea meridiana [illegible]
[illegible] [illegible] [illegible] quadrati et [illegible] [illegible]
fac [illegible] [illegible] [illegible] ad latus quadrati
[illegible] fac [illegible] elevacione [illegible] [illegible] et capri[corni]
et [illegible] [illegible] tropicorum scilicet cancri [illegible] [illegible]
[illegible] capricorni [illegible] [illegible] [illegible] quadrati
[illegible] tabulam [illegible] [illegible] g. et m. [illegible] [illegible]
[illegible] [illegible] quadrate [illegible] et [illegible] [illegible]
[illegible] quadrati et fac [illegible] [illegible] [illegible] ita
[illegible] [illegible] [illegible] [illegible] ad finem [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] [illegible] meridies [illegible]
[illegible] [illegible] [illegible] [illegible] meridie [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] quadrati [illegible]
elevacionis solis meridiana [illegible] [illegible] [illegible] [illegible]
[illegible] elevaciones [illegible] [illegible] quadrati [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

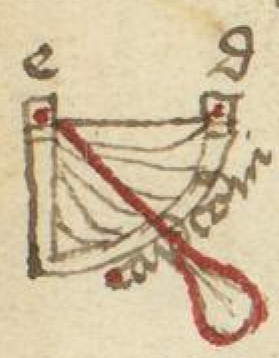
Cancri		
0	64	6
1	61	32
2	55	3
3	46	29
4	36	55
5	27	15
6	17	46
7	8	36
8	0	20
h.	g.	m.

Capricorni		
0	16	21
1	15	9
2	11	41
3	6	16
4	0	0
h.	g.	m.

Arietis [illegible]			
0	40	33	elevacio solis meridiana
1	38	43	
2	34	16	
3	27	22	
4	17	48	
5	9	42	
6	0	0	
h.	g.	m.	



Et iste umbre continue sunt [illegible] in umbra
in astrolabio vero umbra recta et alibi versa et



Quadrans tercius fit ut quartus circumductus circa
quantum ad dies locatum cum altitudinem elevacionis
maxime meridiei ipsius diei et tangit lineam
meridianam. Divide arcum capitum primo
in sex partes equales. Deinde ipse punctum divisionis
c. d. cum distancia centri quadrantis fit alhidada
ipsius per duas divisiones et ... arcum lineam
vispertinam tangente corona parte centri c. quadrantis
et ex alia omnium punctorum per duas versus
capitum eiusdem. Et quibus horis huius super
resultant duodecim hore ... inequales ...
non autem sunt hore inequales ... dicuntur ... ..

Astrolabiu[m] corp[us] sup[er]positu[m] p[ro]ficabile e[st] natu[m] · Tam[en]
ad nos viderim in tota astronomia instrume[n]tu[m] astrolabiu[m]
m[agis] utile [illegible] p[ro]p[ter] q[uod] [illegible] p[er] nostr[os]
con[si]quisitos. [illegible] corpus sup[er]ficiale di[citu]r
facies. Alia p[ar]s o[pp]osita dorsu[m]. Armilla s[ive] anulus
q[u]o suspendit[ur] armilla. Alia v[er]o p[ar]s [illegible]
armilla [illegible] astrolabiu[m] s[ive] limbo
i[d est] circulo extriori. Mater di[citu]r rotula inf[ra]
continens tabulas q[ui]b[us] figurata [illegible] aut q[ua]
[illegible] q[uaru]m exterior di[citu]r tropic[us] capricorni, me[dius]
equinoctial[is], interior s[ive] minimus tropic[us] cancri.
Almicantarath sunt p[ar]vi circuli q[uo]r[um] exterior
di[citu]r orizon obliquus. Centru[m] minimi circuli di[citu]r
cenith. Azimuth di[citu]r q[ui] arcus minori
sup[er] cenith [illegible] int[er]secantes. Linea circu-
li di[citu]r [illegible] sub orizonte [illegible]
linee [illegible] arcus [illegible] orizonte [illegible]
[illegible] tropicus capricorni ad tropicum cancri. [illegible] linea
medii celi di[citu]r abdimilla [illegible]
[illegible] s[ive] almenar [illegible] astrolabiu[m]
[illegible] linee [illegible] di[citu]r meridiana. [illegible]
ad me[ridiem] [illegible] ortus [illegible] [illegible] v[el] ada-
[illegible] i[d est] [illegible] di[citu]r orizon [illegible] Alla-
[illegible] aranea s[ive] rethe di[citu]r q[uo]d [illegible]
[illegible] figuris [illegible] nomina [illegible]
[illegible] almuri. Index s[ive] [illegible] Alferat
[illegible] clavus [illegible] cum omne [illegible]
[illegible] caballus. [illegible] circulus exterior [illegible]
circulus [illegible] elevatio poli sup[er] orizonte[m]
[illegible] signa [illegible] circulo
[illegible] diebus [illegible] [illegible] quadrante [illegible]
altimetrie [illegible] linea [illegible] [illegible]
allidada cu[m] pinnis tabulis [illegible] [illegible]

Quod loco pol

Secundum astrolabium presuppositum quod latitudo polis est
inde loco etc dicitur. Sciendum est quod in
aliquo plato sic locu pol et altitudo supra
dic posita ont cum locu pol in circulo
superiori consuetudo dicitur etiam orizontis

Arcu solis

Arcu pol dicitur habito loco pol. Pro
almurri super in zodiaco et item volue
ad horizontem equinoctiale et per horam arcus
pol in circulo elevationis horarum. Item ad modum que
horarum circa diem cuivis altitudinem pol et cetera

Arcus dici

Arcus diei dicitur illud tempus quo pol est super
terram emisperium. Item dicitur arcus noctis
Similiter dici dicitur arcus diei. Deinde arcu
dici sequitur. Et est horarum inequalium
dicitur equalium durare. Deinde arcu dici per
horas dicitur die naturali sunt 24 hore equales

Hore

Et sunt 30 inequales horas inequalium
horas ad equales et equale. Diei 30 ad 24
ad 14 ad 12. Item in vero sunt inequales iste
quaque dicitur equinoctialis eiusdem horarum diei
circuli signum equales et sunt 24 horas inter se
inequales cum quodlibet sit circa alia tota
dicitur arcus uti supra circuli et per probatur
per zodiacum restituitur in astrolabio et item est
in emisperio dic solum sunt 12 hore inequales
per emisperium quod cum dicuntur nos
solum per signa et horas sunt equales per solum
per equinoctium in terra superiori et naturali

Hore diei

Hora naturalis dicitur secundum aliquem horam qua
dicitur quantum diei solis horarum circa
et circulationes equalis in eo modo equinoctiali. Dici-

suspenso astrolabio Eleva vel deprime allido-
dam quousque radii solis per foramina tablas
transeant et nota elevationem in titulo altitudinis correspondentem
Deinde volve locum solis cum almicantarath ad e-
levationem in almicantarath ex parte orientis
si sit ante meridiem vel occidentis si post meridiem
tunc ostendit [illegible] horas in titulo horarum
Si dubitas an sit ante meridiem vel post
accipe elevationem solis post modicum iterum ca-
pias et si 2a sit maior patet ante meridiem
si minor post meridiem quia ante meridiem sol
continue ascendit et post descendit De [illegible]
[illegible] per stellam fixam in astrolabio posita
[illegible] cum sua [illegible] [illegible] stelle
[illegible] elevationem suspenso astrolabio et
[illegible] stellam per foramina tablas alli-
dade et [illegible] in qua parte celi stella fixa
sit an orientali vel occidentali Deinde volve
[illegible] stelle ad [illegible] elevationem in
almicantarath [illegible] fuerit post ducta
allidada [illegible] parte astrolabii in qua
fuerit [illegible] almicantarath solis [illegible]
[illegible] [illegible] [illegible] stelle
Si qua stella ignota [illegible] [illegible] horas
[illegible] cum [illegible] Pone almicantarath ad
locum solis et ipsum volve ad horam [illegible]
[illegible] stelle et [illegible] in qua parte
celi sit [illegible] stelle et [illegible]
elevationis in almicantarath Post hoc pone
allidadam ad [illegible] elevationem [illegible] et
suspenso astrolabio respice per foramina allidade

circulus iam patet celi circulis sunt in astrolabio
visa et etiam in maiori stella hec circuli visa sunt et
equa capitulo etc.

arcus plte — Arcus plte dicitur quod ad spicito vel locus eius
per tabulas et in hoc adhuc zenith circuli tal
anni cum locus sol ante titulum mo quae attassu
et arcus eius in tempore maioris supremus adzenith

Elevatio polis — Elevatio sol in astrolabio ita respicitur hoc
locum sol ad lineam meridiam et quod circulum el
signata in almur kathzath ad zenith et fundo
quod pertransit circulum et astrolabio elevatio poli in meridie

Almucantarath — Almicantarath dicitur circuli sunt circulo
per hanc locus sol cum almur ad lineam circuli
et pate in titulo horarum etiam et pate circuli
aurea et circuli sunt circuli etc.

Horarum artificialium — Horam dicere artificialem respicitur ita Si sunt dies
hoc almur ad locum sol et ipsum volue ad
horam equales dici ad plagam spicule et
nadir sol in circulo et sol ante occasum
Si sunt dicere tunc applicato locus sol
cum almur ad horam ad plagam spicule ad ma-
galatum signata locum sol in intervallo horarum
ante occasum. Nadir sol ita dicitur. Sic
nadir — locus sol per lineam astrolabii signatur et procedit et
reducatur ante horam in equales ad equales
dividendo eam per 15 et erit equales Dividendo
etiam per 15 in equales ut et per priorem etc.

plaga mundi — Situatur plagas mundi dicitur et ipse sol
elevatio per hoc et per hoc almur cum locus sol
incognita ad quaesitum in almur et quod post tunc
locus sol ab ascendit dasmuth ab oriente vel
meridie. Sed in hoc alii modo immobiliter ad-

elevatio tanta quanta est eius in declinatione ab equinoctiali
eius sol in ascensione sua ab eo declinat alia parte versus
polum oppositi et tunc recipe astrolabium ad
ostendendum id quod subtile ad eundem solem
predicto quoque radius sol spectat foramina
tabularum et tunc vide ipsum per eius ad terram
et deinde per plagas meridiem dispositas scribe
notabis per partes elevationis. Aliter.
invenire potes equacionem per astrolabium similiter
Longitudinem plage cuiusdam loci invenire. Cum fuerit | Plage
declinata meridiana ab equinoctiali elevatio per- | plage
alia diversa. Cum volueris ad ipsam longitudinem
per talem modum addiscere. Posse ipsa recipere
elevacionem et tunc quod habes totum capitis supplicas
meridiana ubi tunc sol est plage quam assumpsisti et
Cum igitur eius diversitas fuerit maioris eleva- | latitudo
tionis in altitudine plage fuerit dictum
plaga dicitur ad septentrionem et meridiem. Si vero minoris
dicitur latitudo in oriente. Si contrario plaga non dicitur
Circa latitudinem quare latitudo plage indicatur
dicitur distare ab equinoctiali sed contra per ipsum
invenire. Si distat eius latitudo ab equinoctiali directe
latitudo in oriente. Si declinatio in oriente dicitur distare ab | declina-
equinoctiali versus. Si de meridie indicatur dis- | nacio
stare ab equinoctiali meridie tempore quando
... ta latitudo eius per se infra equi-
noctialem partem secundum in alia eius alia
sed per se et pars meridionalis
Tempus autem circum in circulo anno discurrere per | Circu-
finem circuli cuius ... ad eius ... anno et per | lus
almanach ad principium circuli et tunc ... latitudinis
... cum talium ... elevatio eius
per ... in circulo anno et ... Dicitur anno

a quo posito almuri ad principium signi. Volue
regulam quousque veniat ad orizontem orientalem
et nota locum almuri in limbo. Deinde volue
almuri in comparando cum signi stans ad finem eius
signi ad orizontem orientalem etiam et iterum
locum almuri et inter infra ista loca sunt gradus
ortus eius signi in circulo a quo. In nostro autem
loco ... tunc orientur que tardius. Et
alia sunt alia que ... velocius ... in ... pro
quantitate orientis ... orizonte

Gradus ascendens est primus gradus cuiuscumque signi
locum orientalem orizontis sol loco ad quam
horam posito. Et ... gradus ... dicitur occidens.

Altitudinem meridianam ... cuiuslibet poli eleva-
tionem ... elevatorem sol cum
fuerit ... altitudine ... meridianam ...
... nonaginta ... ei ...
et ... Si autem sol cum fuerit in
altitudine ... Deinde declinacionem solis
ab equinoctiali ... tabulam ... Item
si fuerit ... elevationem sol
... elevatorem sol in equinoctio
Si ... meridionalem ... declinacionem sol
elevacionem sol ... meridie ... dici et ...
sol elevatam in equinoctio ... elevacionem
... equinoctio ... nonaginta
... et id ... maior altitudo
... Si autem ... declinacionem solis
... ab equinoctiali ... signo
signo ... sol ... tunc ...

... elevatio sol in equinoctio ... et ...
elevatio equinoctii ... poli elevatio ...

in tabula declinacionis solis ab equinoctiali circulo [illegible]
ingressus solis in signo in 2a linea respicias [illegible]
declinacionem et [illegible] solis in principio [illegible] at [illegible] quo
[illegible] solis [illegible] declinacio [illegible]
meridiana [illegible] solis australis [illegible] meridianam [illegible]
ia sol declinat [illegible] meridies et [illegible] Et si [illegible] | de poli elevacione
[illegible] [illegible] [illegible] fixas [illegible] polum [illegible]
[illegible] occidunt [illegible] consumere altitudinem
stelle [illegible] declinacionem meridianam [illegible] et [illegible]
altitudinem [illegible] [illegible] [illegible]
columna [illegible] [illegible] medium [illegible]
[illegible] [illegible] [illegible] [illegible] | Declinacio solis
declinacionem solis [illegible] solis [illegible]
meridianam [illegible] [illegible] [illegible]
[illegible] equinoctialis et [illegible] solis [illegible]
[illegible] declinacio [illegible] solis fuit [illegible] equinoctialis
[illegible] Si [illegible] declinacio
[illegible] tabulam [illegible] [illegible] [illegible]
omnes dies [illegible] solis [illegible] distancia [illegible]
solsticium [illegible] [illegible] [illegible] | [illegible]
declinacio [illegible] meridie [illegible] tempore
[illegible] [illegible] [illegible] equinoctialis
[illegible] libra dicitur [illegible] duo solsticia [illegible]
[illegible] capricornus [illegible] | [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
solis [illegible] altitudo [illegible] [illegible] fuit [illegible]
meridianam [illegible] altitudinis [illegible] [illegible]
[illegible] [illegible] solis [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] | [illegible]
[illegible] [illegible] altitudinis [illegible] [illegible]
[illegible] altitudinis [illegible] stelle [illegible] [illegible]
duos vel tres dies [illegible] sit [illegible]
vel minutis [illegible] tempore [illegible] stelle
altitudinis [illegible] fuit [illegible] [illegible] [illegible]

e in medio celi cum altitudo planete que fuit in parte
orientis et 2a altitudo planete minor pars circuli
directi. Si maior, 2a equatio .... Si equalis
stacionis. Si vero 2a altitudo minor quam pars
planete et planeta fuit in parte orientis ....
Si maior ita quod planeta addidit in motu
directo. Si equalis iterum stacio. ....
in luna .... corporis .... ita quod ....
dicitur statio. ... velox vel tarda motu et
[Luna] ... luna .... luna altius
.... almuri. .... stella
.... altius ... parte
medii celi in parte ....
.... cadit super nota altitudinis lune ....
.... luna .... indica fac cum ....
.... et luna .... potius .... loca planetarum
.... linea meridiana .... cum planeta ....
fuit .... sol. i. .... alias non est
[Revolucio anni] Revolucio anni natalicii .... revo-
lutionis i. introitus solis in arietem .... solis
.... anni .... sol .... fuit arietis
.... super ....
.... almuri
.... duos .... qui cecidit
super .... anni. Si fuerint
.... anni .... almuri
.... orientis ....
[Saporis] .... anni .... cum .... sapor
.... sol .... cadit .... circulos
dicitur .... indicat .... astrologi
.... revolutionis .... revolu-
cio .... sol in medio .... fuat
.... Si revolucio anni ... sol
intitulis .... Patthanomasian et

Ad sciendum quartam domum. Volue almuri per altitu-
dinem loco prout ad horam placuerit et tunc gradus ascen-
dentis initium sexte domus. Exemplum: initium septime
domus. Gradus autem lineae medii celi secundum
decime. Exemplum: initium 10e. Deinde volue gradum
ascendentis ad finem 2e hore horarum inequalium secundum
pluralitatem et tunc gradus zodiaci attingens lineam
medie noctis initium 2e domus. Exemplum: initium
initium [illegible]. Deinde volue gradum ascendentis ad 4tam
horam inequalem et gradus lineae medie noctis
initium 3e domus. Exemplum: initium none.
Deinde volue nadir ascendentis ad finem 2e hore
inequalis et gradus lineae medie noctis initium
4te domus. Exemplum: primum undecime. Deinde
volue nadir ascendentis ad finem 4e hore in-
equalis et sic erit initium 5e vel circa medie
noctis. Exemplum: initium duodecime domus.

De aspectu planetarum

De aspectu planetarum respice [illegible] circulum
suppositum [illegible] planetis [illegible] et videre quando limbi
in medio [illegible] Exemplum: si fuerint 60 sextilis. Exemplum:
90 quartilis. Exemplum: 180 oppositus. Exemplum: [illegible]. Exemplum:
120 trinus. Exemplum: [illegible] coniunctio aspectus [illegible]
[illegible] fuerint applicatio ad aspectum [illegible]
[illegible] Exemplum: [illegible] separatio ab aspectu [illegible]
[illegible] Ptholomeus [illegible] secundum [illegible]
[illegible]

De tabula

De [illegible] aspectus [illegible] tabula
[illegible] fiat et videre [illegible] almuri [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] tota
[illegible] in qua [illegible] tabula
[illegible] [illegible] [illegible] almuri [illegible]
[illegible] [illegible] [illegible] ad [illegible]

luna

Eleua°
ca̅ no̅

Ad inueniend eleuacionē capitis nagial q̄ mls
in ꝑs mediā int' ca̅ ȝ z orizōn' cus
medie ꝯꝑimdo Considera malmi fatrat q̄
qui sit ꝑpinio delusine i. alcalzote ꝯꝑa ad
ca̅ ... tantū d'mee ꝑdnatū Re alī s
tīhe poli alti ... ꝑd tēi ȝtue ꝛ̄ꝑiol go i ȝ
a go ꝯdilq t q d'ꝛ̄ mag ȝ eleua° ca̅ ... orig
ꝛ̄ꝑoid cq eleua° ȝ poli sb ꝑpi ... tia
cu ꝑ phodalogiis in ꝑietibȝ ... trit ...

Sed quia circulus [illegible] precedit multorum
circulorum conformiter in eis positorum Ideo ante [illegible]
corpore et speciei [illegible] declarare Est autem latitudo
orbis mundi [illegible] superficiei [illegible]
[illegible] disposita Ideo et nos [illegible]
[illegible] eius secundum iam bene declaratio — Declaratio spere
Unde spera est corpus solidum rotundum concava superficie contentum
in cuius medio punctus est a quo omnes linee ducte ad
circumferentiam sunt equales Cuius punctus centrum dicitur et
linea recta que pertransit speram dicitur axis Et duo
puncta axem terminancia dicuntur poli mundi quorum
articus semper [illegible] nobis [illegible] — Poli qui
[illegible] circulis [illegible] speram obliqua [illegible] habitat
[illegible] equinoctialis [illegible] polorum tamen
elevatur [illegible] orizontis [illegible] alter [illegible]
Sed habitantibus [illegible] rectam [illegible] habitantibus — recta spera
[illegible] poli [illegible] elevatur Equinoctialis autem est
circulus [illegible] dividens [illegible] — Equinoctialis
[illegible] distans equaliter [illegible] polorum
Orizon est circulus dividens celi partem visam a non — Orizon
visa [illegible] superior dicitur [illegible]
Spere autem sunt nove [illegible] celi
[illegible] Saturni Jovis Martis Solis — De motu
Veneris Mercurii Lune [illegible] elementa scilicet ignis
aer aqua terra Nona autem celum supremum [illegible]
[illegible] mundi [illegible]
[illegible] alie spere [illegible] rapidi motu
[illegible] aliis distantibus
a polis mundi [illegible] Complet
[illegible] motum [illegible] Jupiter [illegible]
duobus [illegible] Sol [illegible] diebus [illegible] horis
[illegible] Luna [illegible] horis — De ambitu terre
[illegible] Ambitus autem terre [illegible] milia stadiorum
[illegible] 60 [illegible]
[illegible] stadia [illegible] passibus

sit stadium. Unde non immerito unus gradus in celo
facit 16 miliaria communia ytalica quorum 8 faciunt
unum [illegible] et ita 20 stadia et iij 4
medium et 2a pars unius stadii faciunt unum communem
miliare [illegible] Unde [illegible] ita eciam [illegible] — astrolabij
[illegible] in lucida nocte alicuius
poli atque [illegible] artici [illegible] Unde
[illegible] dicere [illegible] sol [illegible] in statu
[illegible] in alia nocte [illegible]
[illegible] ita [illegible] polo alti-
[illegible] unus gradus in celo. Unde
[illegible] spacium medium [illegible] [illegible] et [illegible]
500 stadia [illegible] unum gradum in celo
Unde [illegible] gradui celi totum stadia
[illegible] Ptolomeus [illegible]

Circulus maior — Circulus celi dicitur maior qui dividit in duo
equalia [illegible] Minor [illegible] Maiorem
[illegible] quo [illegible] Unde quando
sol [illegible] in [illegible]

Zodiacus — Alius circulus zodiacus [illegible] cadit 2m
[illegible] 2m alia [illegible] ad meridiem
ita quod [illegible] a sol [illegible] dividitur [illegible]
[illegible] et [illegible] polus [illegible] circulus
[illegible] in celo [illegible] longitudine
[illegible] gradum [illegible] alius [illegible] in latitudine
[illegible] alius [illegible] latitudinis [illegible]
[illegible] alii ponunt [illegible] et lineas [illegible]

Linea ecliptica — Linea [illegible] medio dividens zodiacum dicitur linea
ecliptica quia sol numquam exit [illegible] alii planete
luna [illegible] alii planete sunt [illegible]
[illegible] ad meridiem [illegible] sol [illegible]
[illegible]
[illegible] alias planete [illegible]
movetur [illegible]
[illegible] ordinem

Alia pars signata que parte zodiaci que declinat
ab equinoctiali versus polum antarticum. Ideo ista pars
dicitur meridionalis vel australis et sex signa in ea contenta dicuntur australia
capiunt signa. Alii duo maiores circuli — Colurus
dicuntur coluri quorum officium est distinguere equinoctia et solstitia.
Unus colurus distinguens solstitia transit per po- — Solsticium
los mundi et zodiaci polos et per maximas solis
declinationes id est per primum punctum cancri et capricorni. Unde
arcus istius coluri qui intercipitur inter primum punctum cancri
et equinoctialem quia punctus solstitii estivalis et inter equinoctialem — [illegible] solis
dicitur maxima solis declinatio que est xxiii gradus et xxxiii
minutorum. Ideo arcus alius qui intercipitur inter
primum punctum capricorni et equinoctialem qui equalis est priori et
Alius colurus vadit per polos mundi et per polos
zodiaci et per prima puncta arietis et libre et causa quare duo — Equinoctium
equinoctia. Ideo dicitur equinoctialis colurus. Un-
de isti duo coluri se intersecant super polos mundi ad
angulos rectos. Est et alius duo maiores circuli
scilicet orizon et meridianus. Meridianus est circulus — Meridianus
super polos mundi transit per zenith capitis nostri. Unde
dicitur quia ubicumque sit homo in quacumque parte mundi quando sol motu
firmamenti venit ad suum meridianum qui transit per
zenith capitis nostri est illi homini meridies quolibet
tempore anni. Ideo omnes civitates quarum una magis accedit
ad orientem quam alia magis habent diversos meridianos. — Longitudo [illegible]
Arcus vero equinoctialis qui intercipitur inter duos meridianos dicitur
longitudo civitatum seu distantia inter meridianos.
Orizon est circulus dividens inferius hemisperium a superiori — Orizon
et est duplex rectus et obliquus. Rectum orizontem habent illi
quorum zenith est in equinoctiali quia talium orizon transit — Rectus
per polos mundi dividens equinoctialem ad angulos rectos. Ideo
dicitur rectus. Obliquum orizontem habent illi quibus polus mundi elevatur
polus mundi super orizontem. Quia talium orizon intersecat equinoctialem
ad angulos impares. Ideo dicitur orizon obliquus — Obliquus
zenith autem capitis nostri semper est polus orizontis
Ideo quanta est elevatio poli mundi supra

arizantis tota quod distat zenith ab eodem circulo quia
equalis est. Secundo coluris solsticiorum. Secundus distat poli mundi. Alia
Scilicet coluris solsticiorum est etc. eius per medium tempus
inter circulum et zenith coluris. Eodem quod est
verticos autem sunt continuos sunt duo tropici scilicet
cancri et capricorni et duo arcticus et antarcticus
alii sunt sol imperium punctus cancri est rapturus
in amenti describit circulum qui circulus describitur
a polo presenti poli artici dicitur tropicus cancri vel
solsticium estivalis. Similiter imperium capricorni dicitur
tropicus hyemalis qui eodem describitur a polo presenti
poli antartici. Cum autem zodiacus scilicet per centrum
spere moveatur ad motum centri sperarum autem mundi
et polus zodiaci etiam movebitur circa polum mundi
qui circulus dicitur circulus articus per similitudinem. Et circulus
id est quod describit alter polus zodiaci circa polum mundi
antarticum dicitur circulus antarticus mediocris. Et tropici
sunt duo circuli minimi inter se spectando minimi et non
... autem circulus ... circulos dicitur pa-
ralleli quia equidistant. Quam quidem duo circuli inter
istos accepti ita se habent equaliter superficie ...
sunt spere equidistantes apparent. Tropici autem sunt
paralleli sunt duo tropicales et paralleli articus
et antarticus modo distinguit vel quinque zonas
per verticos et tactis plagas terre infimus
eius supposita. Nam est verticos quod inter duos tropicos
dicitur torrida zona et inhabitabilis propter calorem
due zone circumscripte circulis articus et antarticus
dicitur inhabitabiles propter nimium frigus cum plus
... ... inter duo ...
inter tropicum estivalem et circulum articum alia inter
hyemalem et antarticum sunt temperate ... Mediante
... plaga ... climata propter
Dacos et Normannos per Daciam et Norwegiam
... quod autem dimiserit terram ...

climata per circulos equedistantes. Procedendo per
dimidium distantias almucantarath equinoctialis usque locus
2m quod est vnius hore. Et distantia alias per vnius
[illegible] hore diei Unde patet duplicem climatis
climate ad 2or horas extenditur Ita quod ibi longior
dies est 16 horarum Similiter octo quod distantia climatum
quasi dimidium elevacionis poli notandum Ita quod in continentibus
per ipsum circulum elevacio poli ac Et in accedentibus
ab eo versus meridiem ad locum vnius polorum
inter quorum distantia zenith capitum illorum almucantarath
quorum distantia [illegible] latitudinis extraordinarie [illegible]
Item tunc quasi pro polus spacium habitatur intra Verum
circuli diuidunt in nouem climata terra Item
diem longius quantum distant [illegible] locum diei
in primo climate in multo quod ptolomeus vero
almagesti ponit nouem quarum distantia zenith
altitudinis per latitudines possunt vsque dimidium [illegible]

Clima	G	M	Clima spacium terre usque per dimidium diei in quo dies longior
1m	16	27	in medio dicitur 13 horarum dyameroes
2m	23	51	dies 13 horarum dyasienes
3m	30	22	dies 14 dicitur dyaalexandrios
4m	36	0	dies 14 dicitur dyarodos
5m	40	45	dies 15 dicitur dyaromes
6m	45	1	dies 15 horarum dicitur dyaboristenes
7m	48	32	dies 16 horarum dicitur dyaripheos
8m	51	30	Dicunt doctores extra [illegible] ad
9m	54	1	placuit [illegible] videtur addi

Clima

latitudo in medio spere [illegible] Ita per [illegible]
climatum [illegible] ipsa [illegible]

Venti

2 Flant subsolanus vulturnus eurus ab ortu — orientales
Atque die medio nothus hinc et affricus auster — meridionales
Occiduus zephirus favonius appellat ab occasu — occidentales
[illegible] aquilo [illegible] boreas et chorus ab arctu — septentrionales
[illegible] auster [illegible] calore aquilo

nutrit flora Subsolanus pluvias abscondit
Eurus [illegible] [illegible] Zephirus mala arva
parat Circius tempestates Affricus pestes
Zephirus flores committit Corus tollit tempestates
Eurus inimicus arva male Vultur-
nus aere expellit Boreas [illegible] nivat
[illegible] Subsolanus vel Ost Auster Suden Fa-
[illegible] vonius West Aquilo Norden [illegible]
[illegible] naturalis dicitur [illegible] [illegible] [illegible]
[illegible] diversa custodia sumit [illegible] dies [illegible]
Incepcio incipit [illegible] [illegible] in medio lucis Iudei
dicti naturalis [illegible] [illegible] incipit [illegible] [illegible] [illegible] [illegible]
Ortus Ortus signorum est [illegible] [illegible] cosmicus [illegible]
cosmicus vel stella [illegible] [illegible] [illegible] [illegible] dies [illegible]
[illegible] in medio arietis in autumpno libra [illegible]
[illegible] dies [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] cottidianus [illegible]
[illegible] Oppositus [illegible] [illegible] [illegible] cosmice [illegible]
[illegible] medio libra in autumpno [illegible] [illegible]
[illegible] [illegible] [illegible] vel stella [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
eliacus [illegible] [illegible] Eliacus [illegible] [illegible] solaris [illegible] stella
vel signum [illegible] videri [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] stelle [illegible] [illegible] [illegible] eliace
[illegible] eliacus [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] incepte [illegible] [illegible] [illegible] [illegible]
Ortus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
eliacus [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] illico
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] apparet
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] illico

criminal sil procedunt contra peccant si tu per maior
pena datur dicta xxiii qu. dicta cap. [illegible] secundum
iti duo [illegible] sunt ecclesias et sil decipiunt [illegible]
maior pena aut damno [illegible] delinquo [illegible] i. e. [illegible]
civis [illegible] maior per [illegible] an ad [illegible]
procedunt utz [illegible] incede spirito [illegible] dicta
[illegible] apud [illegible] de fine [illegible] Item eo [illegible]
dicta cau. [illegible] de fine [illegible] capit. de fine [illegible]
[illegible] maior pena cap. aut [illegible] dicta [illegible]
sil [illegible] procedunt Item [illegible] obliqua [illegible]
dic [illegible] zoti adeo [illegible]
[illegible] [illegible] canonis [illegible] de fine [illegible]
[illegible] apud [illegible] de fine [illegible] pen. [illegible] zoti
[illegible] et tu sil procedunt Item [illegible] made [illegible]
[illegible] zoti [illegible] obliqua zoti [illegible]
[illegible] contra [illegible] sil [illegible]
[illegible] [illegible] canonis [illegible]
[illegible] fuit sol. Item [illegible] obliqua [illegible]
damno [illegible] canonis [illegible] Item
[illegible] obliqua [illegible] apud cau. de fine
[illegible] ecclesias [illegible] maior [illegible]
[illegible] apud capit. de fine [illegible]
[illegible] i. e. [illegible] Item [illegible]
[illegible] pen. [illegible] voluntas [illegible]
Item [illegible] obliqua [illegible] civis [illegible]
[illegible] [illegible] ad [illegible] aut [illegible]
ideo [illegible] dic [illegible]
[illegible] [illegible] art. Item
[illegible] [illegible] Item
[illegible] Item [illegible] tu [illegible] et tu [illegible]
[illegible] dic et [illegible] utz [illegible]
Item [illegible] dicit [illegible] pit [illegible]
[illegible] sil [illegible] dic [illegible]
[illegible] pit [illegible] dicas Item [illegible] nocte
[illegible] [illegible] et i. e. [illegible]

[illegible]
[illegible]

[illegible]
[illegible]

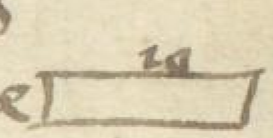
[illegible]

zona media ... cuiusque signi circa adurit. Alia tamen ...
Haec autem ... sunt xx in die naturali et xxiiij ...
sunt ... et sua habitatio ... consistunt ...
... placet quia quia ... in toto
dicit et ... diversitate ... et hyemem ...
... plures ... dicit ... plana vel pa-
... oriuntur signa ... Tempus solis tamen ...
[margin: ... medii] ... autem ... quorum zenith ... in medio
duo sunt solstitia ... alta et duo ... in
duas ... hyemes ... duas ...
... illic ... [illegible] ... Et ... sunt
in ... ... sita ... arcalia
in ... quia ... umbra ...
... quia ... quia ... quia ad
... quia ... ut ... Nos ...
in ... ... sol ...
[margin: dicitur ... horarum] ... nos ... zenith ... nos ...
... Illi quorum zenith ... in circulo ...
... ... dicitur xii
horarum et nos ... [illegible] ... nos
... xii horarum. Illi quorum zenith
in circulo ... et polum ... quando sol
in duobus ... diversitatibus ...
[margin: ... in ...] ... Unde ... sunt ...
sol ... signum ... dies ... mensis
sine nocte. Et ... sunt ... diversitatibus ...
... quando sol ... est ... nox et
sunt ... duorum ... est nox ...
[margin: ...] ... Signa ... oriuntur
... ...
... ... [illegible] ... Et ... hyeme
... ... et ... occidunt
... ... libra ... et ... hyeme
... occidunt ... Illi quorum zenith

in speculo ecclesie quod sol erit abundancius quam duplex | Dicas
fine non est nocte Et quomodo medio mediante dierum | medius
spatio noctis et eiusdem dicas sed medius dies noctis | dies
tercius autem dies est eius quoniam naturalis dicatur
predictis factis et in physica racione non sed absolute
solem sequimur quod ad unum eclipsi luce Et cum | Solis
at sol in magna terra natura in se mediat terra | eclipsis
ultimam ex sole Item in plenilunio cum in est sex
vestis a causa naturali in medium sol et
eclipsis lune cum umbra terra luna cum sole
terre mediat cadit eadem luce Et in et fuit
tempore iam metam patitur est Et cum autem sol fuit
vestis a causa sol preter metam naturales
eciam cum luna eclipsatur sol et magis sol
sic luna per diametrum sol a super inclinatibus sol super
oppositum terra Item fuit naturalis eclipsis
tempore passionis domini nostri Ihesu Christi quia fuit passus
in plenilunio et solis sol eclipsis ut attesta-
batur Dionisius dicens Et in tantum patitur et
mundana machina dissolvetur quo fine
perducamur ad gloriam omnes passi sua suffra-
gante mia Et

Sed quia geometer [illegible] speculatiuus non est [illegible]
[illegible] ethicorum capitulo decimo. Idcirco ipsa mensurarum admensuratio
utilitatis. Videlicet geometrie [illegible] quan-
titatem unius numeri. Unde si mensurabile fuerit
quadratum equilaterum [illegible] ita latus per se [illegible] longum
inquiret ad unam costam et illa costa multi-
plicetur per ipsam et proueniet totum ut in margine est.
Si vero fuerit equalium laterum [illegible] minus latus multiplicetur
maius latus ut in margine in figura est.
Si fuerit trianguli equilaterus et triangularis [illegible]
non equilaterus [illegible] alia [illegible] et multiplica
[illegible] ut in margine est.
Si fuerit rotunda [illegible] medio quadratum quadran-
gulum [illegible] triangulus
et [illegible] quadratum simpliciter [illegible] triangulus [illegible]
in [illegible] circuli et eius dyametri.
Unde [illegible] circuli [illegible]
[illegible] eius dyametri [illegible] addas [illegible] partem
dyametri. Dicitur [illegible] auferendus circuli [illegible]
[illegible] dyametrum [illegible] partem
auferendo et remanet [illegible] dyametri est
[illegible] $\frac{1}{1}$ dyametri [illegible] $\frac{1}{22}$ circuli [illegible]
diuidendo 22 per 1. [illegible] 2°
quod quadratum circumscriptum circulo se habet [illegible]
14 ad 11. [illegible] 14 [illegible] circuli [illegible]
[illegible] $\frac{3}{11}$ [illegible] inscriptum circulo se habet [illegible] ad 11
[illegible] per 7 [illegible] quadrati
circulo ad circulum [illegible] per 7 ad 11. [illegible] circuli
ad [illegible] circumscriptum [illegible] per 11 ad 14. [illegible]
[illegible] si fuerit [illegible] quadrangulare [illegible]
[illegible] si esset rotunda
circumscripta [illegible] per 14 [illegible] diuide per 11
[illegible] Ita [illegible] in aliis mensuris [illegible]
Si [illegible] area fuerit circularis [illegible]
quadrangularis per 11 [illegible] diuide per 14 [illegible]
area circuli [illegible]



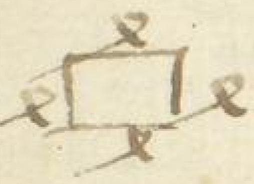




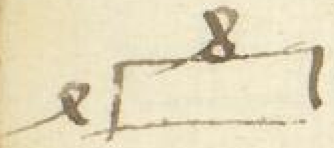

a
Lineam



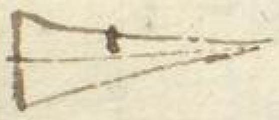
Et si tetragonum fuerit equilaterum et rectangulum, dyametrum ducas
in medietatem et auferendo consurgit et. Si
fuerit quadrangulum cum latus duorum maius
vel imparium. Si fuerit equilaterum unum si
quolibet costa constat x. ad quadratum dicatur continere
quantum et fuit 16. ut in latere. Et si non



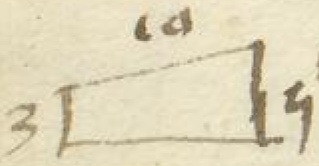
fuerit equilaterum minus latus ducas in maius, scilicet maius
unum si minor costa constat x. et maior costa



8. dicatur x. octo fuit 32. Et si fuerit
triangulum equilaterum dividatur unum latus



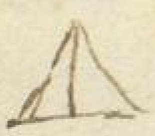
trianguli in duo equalia ut in figura et
ut prius latus in medio et a puncto divisionis una
linea recta protrahatur ad angulum oppositum
et una medietas linee divise in lineam
perductam a puncto divisionis et productum dabit
aream unum si minus constat x. et linea protracta
6. dicatur erit productum 12. Et si fuerit



quadrangulum duorum inequalium laterum addatur costa
longior cum breviori et capiatur medium eius et protrahatur
in costa lata et productum dabit aream.
Vel si alio modo vis scire aream circuli ducas



medietatem dyametri in dimidium circumferentie circuli per medium
auferendo et productum dabit aream circuli. Et
Si ampliorem vis scire aream in triangulo



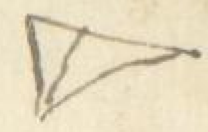
tum laterum equalium oppositis duc ab aliquo
cono lineam rectam ad latus oppositum et
pone in latere super quod cadit linea
medietatem linee recte et productum erit aream.
Si triangulus ezarthelus in quo duo
latera equalia et tertium inequale. Duc a cono



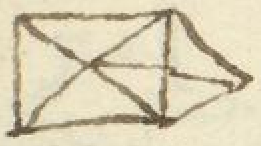
ad latus inequale lineam rectam et medietatem per
medietatem lateris inequalis ut supra et cetera.



Si triangulus ypotheneus in quo tria latera

inter se inequalia. Si vis ab uno cono ad latus
eius lineam rectam perpendicularem protrahere id latus
supra quod cadit et producti medietas est area trianguli 
Si quadrati multiplica unum latus per se vel 
duo latera dupla. Si quadranguli parte 
altera duo latera equalia multiplica et duo equalia
per illa vel se multiplica maius per minus et productum dimidium
vel dupla maius cum minore &c.
Si pentagoni equilateri id est cuius sunt 
omnes anguli et latera quinque equalia vel exa-
goni vel septagoni vel octogoni id est sic sunt
octo equalia vel nonagoni vel decagoni &c.
vel aliarum figurarum scire arealitatem reduc
eas ad triangulos vel quadrangulos et facta
per ea ut supra dictum est complebis &c.
Si quis cumulus non quadrat [illegible] materias
particulas forma. Si fuerint due quantitates note 9 reg.
dividatur maior per minorem et quod exierit est
proportio maioris ad minorem. Similiter invenitur proportio
Si autem proportio fuerit nota et quantitas una nota 12a
dividatur maior per proportionem et exibit minor
si minor est nota multiplicetur per proportionem et
exibit maior productum nota &c.
Si due quantitates fuerint note et una addatur alteri 13a
totum quod exierit est notum. Si una proportio [illegible]
est nota et altera non [illegible] &c. si [illegible]
quod maius est [illegible] &c. 14a
Si fuerint tres note quarum prima [illegible]
et due tunc note ita quod ducatur 3m
in se et secundum dimidium et exibit 3m. Si primus
est ignotus et 3m notus secundum dividatur per 3m et
exibit primus. Si primus et 3m fuerint noti ducatur
primus in 3m et producti radix quadrata est 2m &c.

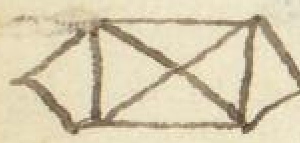
11 4ª Ultia ra si fiunt ꝗtis [illegible] mala & 3o
illaz fiunt note ea ꝑ eit nota qz ſipa
ꝗa fiunt ignote ducatur 2m in 3m &
ꝑdcm dimidetur pnotu & exibit ignotu
Si 2a et 3a ignote fiunt ducatur pma
i xm ꝑ pdcm dimidatur pratu & exibit
ignotu ꝑ illa patis cite in eucl[illegible] &



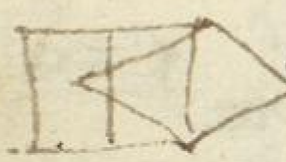
ꝑ ome tꝰ & dupla ad sua media ꝗ
tz una qdracꝗuli tz ꝗtua aꝗulos
ꝗst eos duobꝫ teas l dom tanꝗuli ꝗ 3
me. qdracꝗuli h. tꝰ ꝗsta duobꝫ &



ꝑ tea ꝗ qdracꝗuli dualꝫ me ꝗ
ꝑit ꝗponi duo tanꝗuli Silr ꝗno
qdracꝗulo ꝑit ꝗponi alij duo qdracꝗuli
q2l ꝗl.3 me. i xa ꝑ pmi qdracꝗuli



Silr tali ꝗlapida qdra. ꝗi ꝗdis
ꝗstitui aliud duoz ꝑedu ꝑ libꝫ ꝗtim



utꝫ diligentibꝫ ꝑspeculati &

Si uno accessu rei accessibilis altitudinem per scalam altimetram / Altitudo
rei que super planum in dorso astrolabii / ad instar
vel quadrantis metiendo Respice cacumen rei
mensurande per utrumque tabule foramina Tunc si
medilinium ceciderit super diametrum quadrati
tunc tota altitudo rei est equalis distantie a pede mensurantis
ad basim rei / addita altitudine
a terra ad oculum mensurantis usque ad terram / Si in umbram Tunc altitudo
rectam ceciderit in umbram rectam Dicto spatio / rei et aer
quod est spatium distantie inter mensurantem et rem
mensurandam ad altitudinem quod sunt spatio punctorum
umbre recte abscisorum ad totam umbram rectam
i. ad duodecim / Ideo inter distantiam est
per 12 et productum divide per numerum punctorum abscisorum
et exibit altitudo / addita altitudine mensurantis usque ad pedes
Si autem ceciderit in umbram versam facies sic / Et sic habes
inter distantiam per puncta abscisa et productum divide / altitudo rei que
per 12 et prius Si autem res est inaccessibilis / spatium
propter silvas vel aquas vel paludem Tunc
stans in plano respice cacumen rei usque ad
terram puncta abscisa et nota locum ubi
stetisti Deinde accede propius ad rem vel plus
recede in linea directa et iterum respice
cacumen usque ad terram puncta abscisa et locum
stationis nota Tunc si ambo puncta fuerint umbre
recte subtrahe minorem numerum de maiori et residuum
divisorem / inter distantiam stationum inter duas stationes
per 12 et productum divide per divisorem productum
et exibit altitudo addita altitudine mensurantis et
Si autem fuerint puncta umbre verse tunc ...

sim puteus inter tabulas [illegible] et qre
numeros [illegible] [illegible] puteus in ipsis duabus
lineis et inde tu sic [illegible] in 2a linea
ducitur dimissis in [illegible] [illegible] dista
duas [illegible] intra et spacium inter duas
stationes [illegible] et [illegible] divide per
dimissis [illegible] [illegible] ibi [illegible] [illegible]
[illegible] [illegible] in altitudine ad [illegible] et
spacium inter duas stationes [illegible] et [illegible]
[illegible] in altimetria et profundimetria [illegible]
[illegible] [illegible] [illegible] puteus [illegible] [illegible] [illegible]
in planimetria [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] puncta abscisa [illegible] [illegible] [illegible] dimissis [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] fine plani
in [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] alti [illegible] [illegible] ad [illegible]
si [illegible] in umbra [illegible] [illegible] [illegible]
altitudinis [illegible] [illegible] [illegible] [illegible]
[illegible] puteus abscisis [illegible] [illegible] ad tota
umbra [illegible] [illegible] 12 [illegible] [illegible] altis
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] divide [illegible] umbra [illegible] abscisa
[illegible] [illegible] [illegible] [illegible] [illegible]
umbra [illegible] [illegible] [illegible] fit [illegible] altis
[illegible] puncta abscisa [illegible] [illegible] divide
[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] putei [illegible] aque [illegible] [illegible] [illegible]
[illegible] [illegible] scala [illegible] [illegible]
[illegible] [illegible] putei [illegible] [illegible] aque [illegible]

numerum profunditatis ex opposito proportionaliter
sicut a… in dyametrum scale … latus …
putei et profunditatem … ita profunditas
… latus … sicut a… in umbra recta
… quadrato latus putei ad … profunditatem … latus
putei ab … ad … multiplica … io …
latus … per 12 et productum divide per puncta …
Si cadit in umbra versa que … fit
… quadrato latus putei ad … profunditatem
… et … umbre recte ad puncta …
ab … umbre … latus putei … puncta
… et productum divide per 12 et proveniet …
Si autem … quadrato …
… puncta umbre … secundum …

1	quadrato sub duodecupla	7	sub superpartiens …
2	quadrato sub sextupla	8	sub sesquialtera
3	sub quadrupla	9	sub sesquitertia
4	sub tripla	10	sub sesquiquarta
5	sub dupla … superparticularis	11	sub sesqui… undecima
6	sub dupla	12	quadrato equalis

… tabula quadrato … umbre recte ad 12.
Si … tabulam umbre verse ad 12.
… sub … plano …
Si autem … puncta … umbre … … nota
recte … puncta …
divide 144 … putei … umbre … recte
… [illegible] … umbre … verse
… umbre … verse
puncta umbre [illegible] … divide 144 per
numerum … umbre … verse … recte
… umbre … et ita potest
… tabula … ultima
… puncta umbre
… puncta umbre recte …

Et quandocumque sole lucente cadit super di-
ametrum [illegible] que umbra. Item si sol in
umbra extensa super plana venit ad duo puncta
erit umbra maior per [illegible] mediete. Si
ad x erit dupla ad umbram. Item si in versa
umbra sol venit ad duo puncta umbra
[illegible] [illegible] [illegible]. Si ad x
umbra est dupla. Si ad vi umbra est
in duplo maior cum dimidio. Item si umbram
[illegible] [illegible] super finem digiti [illegible]
[illegible] [illegible] sua umbra duas
[illegible]. Si super finem secundi digiti umbra
est [illegible] [illegible] umbra [illegible] vi [illegible] iiii
Si super finem tertii [illegible] sua [illegible]
[illegible] umbre [illegible] i [illegible] iiii [illegible] x. Si
super finem quarti umbra tripla [illegible]
x [illegible] 3. Si in quinti umbra [illegible]
[illegible] dimidia [illegible]. Si sexti
umbra [illegible] [illegible]
Si octavi umbra [illegible] [illegible] i
[illegible] alta. Si noni umbra [illegible]
[illegible] i [illegible]. Si decimi umbra [illegible]
[illegible]. Si undecimi umbra [illegible]
[illegible] [illegible] duodecimi
umbra [illegible] [illegible]
[illegible] in fine [illegible] iiii [illegible] ad umbram
[illegible] vi umbra iiii [illegible] xii [illegible] iiii
umbre. [illegible] x umbra [illegible]
[illegible] 3 [illegible] medium umbre 3 [illegible] sexti
[illegible] dupla ad umbram [illegible] dupla
[illegible] 3a parte [illegible] umbra [illegible]
[illegible] noni [illegible] umbra 3am parte

117.

45

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
infine duodecim digiti [illegible] 3. 32 [illegible]
[illegible] [illegible] [illegible] [illegible] 3 [illegible]

12 11	1	11
11 10	6	55
10 9	2	55
9 8	1	6
8 7	3	14
7 6	2	7
6 5	2	5
5 4	3	5
4 3	Est liter	
3 2	2	1
2 1	6	1

12 ~~11~~	1	
11 10	8	5
10 9	3	33
9 8	8	10
8 7	1	21
7 6	24	6
6 5		34
5 4	Est liter	
4 3	8	5
3 2	3	1
2 1	8	1

12 9	1	3
11 8	9	22
10 7	18	35
9 6	2	3
8 5	9	10
7 4	9	7
6 3	2	1
5 2	18	5
4 1	9	1
Numerj fractus	Divisore	multiplicator

12 8	1	2
11 7	48	11
10 6	4	5
9 5	16	15
8 4	3	2
7 3	16	7
6 2	4	1
5 1	48	5

12 7	5	7
11 6	10	11
10 5	6	5
9 4	5	3
8 3	5	2
7 2	30	7
6 1	10	1

12 6	Est liter	
11 5	72	55
10 4	9	5
9 3	8	3
8 2	9	2
7 1	13	7

hic primi ✠

12 4	2	1
11 3	32	11
10 2	24	5
9 1	32	3

12 3	3	1
11 2	313	66
10 1	54	5

12 2	5	1
11 1	120	11

12 1	11	1
Numerj	Divisor	Multipl

Epitafium [illegible] de Bartolo
[illegible] Bartoli iacet
ad locum [illegible] tum est
xv palmas
[illegible] planatus
[illegible] medio est
ad planum [illegible]
primum [illegible]
tonella dictum
ad modum crucis quod
3 lapides [illegible]
digiti [illegible]
explicat tabula
decorata de Bartolo
crucifixo [illegible]
per Iordanum
In quo Bartolo
[illegible]
[illegible] 3 [illegible] [illegible]
Bartolum [illegible]
[illegible] [illegible] [illegible]
[illegible] alium [illegible]
et [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

✠

12 5	7	5
11 4	21	11
10 3	14	5
9 2	14	9
8 1	21	2

✠

2o de meta rotelle cum ... | secundum lineam rectam perpendicularem ad circulum ad-
placitum, iterum fit punctus quadrantis dictarum concor-
dia cum finibus rotelle, et finibus eius
signando locum sectionis; et sic ... in capite
spatium inter duas sectiones, et quod ...
... spatium earum talium ...
... si vero ... altum ... alios
... ita ... et ...
... finibus rotelle
... et ... rotella
... spatium ... ad aliam ... ibid.
... inter ...
... intra alios ... signando ...
... tantum ... et alti-
... et ... spatium inter duas ...
medium ... profunditate ... non ... potest ...
... est.

De capa-
citate | Aliquod vas capacitatis ... quod ...
... undique
planum ...
... circinum ...
... ad amplitudinem duarum palmarum ...
... pedes ad circulum ...
signa ... potest ... ita
... signa ... in ...
... pars ... in tanta ... deinde
... in ... infra ...
... in ...
... in ...
... dimi...
... in pari ...
quo... ... signa ... in ...

Ho^o ma dnt inueni primo diuide el spatiu
de la c̄sa in tabla vl̄ in carta in q̄lle linea
recta in dite trouc ptar de sse c̄stelo
[illegible] aut pc̄to primo signo sit pcto
qm [illegible] ꝓ qm̄ in carta 3^e figure ita
[illegible] decem diuide i^d spatiu de la c̄sa itm
i 20 ptar c̄stel [illegible] capre e cu media
primo / s̄ctu c̄ apte ser^o / s̄ta p̄ose certu
/ s̄t p̄t s̄t s̄ex / s̄t p̄t dimidiu ꝓ duo
reliqua aut signa st facit diu^o q̄ po
diu^de. in carta [illegible] ꝓꝓ^o.. q in anno
era [illegible] / q̄ pla lo de [illegible] - capoco
[illegible] i^o s̄plar signe [illegible] a [illegible]^do..
[illegible] in p^o / 2 inz^o / 3 inz^4 / e inx^o [illegible]
[illegible] signos qlz c̄ponta. cosa in c̄pura
vera tu c̄pitata [illegible] attipe c̄timo [illegible] pt
a ostedere ad plat^o. stpu adaplis 20x dict
pe tinm [illegible] ch tlz [illegible] signa
[illegible] pte tertias q^o dicas / q [illegible] lo ghe
[illegible] sica q fa corige [illegible] iume
[illegible] tu plus retto inbra no^o. [illegible] titate
ma capre logis e cadiunde [illegible]
vna tabula [illegible] tatt ptar [illegible] q test
[illegible] in c̄pura [illegible] [illegible]
tu ꝓꝓ^te.. primits [illegible] / dimedio t
[illegible] reducere ad figura [illegible]
[illegible] e tatt q^o [illegible] ꝓꝓ^o. [illegible]
tatt signa [illegible] ptar / attipe [illegible] lo ^ne [illegible]
in carta vl tabla diuisa plus / [illegible]
plus logis signa [illegible] alia aut [illegible]
[illegible] e io [illegible] alio [illegible].

Si vero vass vel contineat in[illegible]
[illegible] ad [illegible] ipsum [illegible] edificium [illegible]
[illegible] in [illegible] et si [illegible]
ecclesia [illegible] reducta cum [illegible] ita
edificium capta ad ecclesiam et [illegible]
[illegible] vass tocius [illegible] in mensura
ipsum tam longe [illegible] ab eo [illegible]
ad [illegible] contineat / et [illegible]
[illegible] quis [illegible] per [illegible]
[illegible] et [illegible]
in capud [illegible] vase [illegible]
[illegible] [illegible] [illegible] [illegible]
spatium [illegible] possit capi [illegible]
[illegible] signo et [illegible] / [illegible] ecclesia
[illegible] et facilius [illegible]
[illegible] facile [illegible] antique
una cappella [illegible] sic [illegible]
[illegible] duas ad [illegible] mensas
[illegible] officio [illegible]
[illegible] lambras? [illegible]
[illegible] in [illegible] / [illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible] cum [illegible] fac
[illegible] cum alijs [illegible] / [illegible]
[illegible] [illegible]
[illegible] capi mensa [illegible]
[illegible] [illegible] [illegible]
officii [illegible] / [illegible]
[illegible] / [illegible] cappelle [illegible]
[illegible] / [illegible] et mittetur
in calamo vel listonello / [illegible]

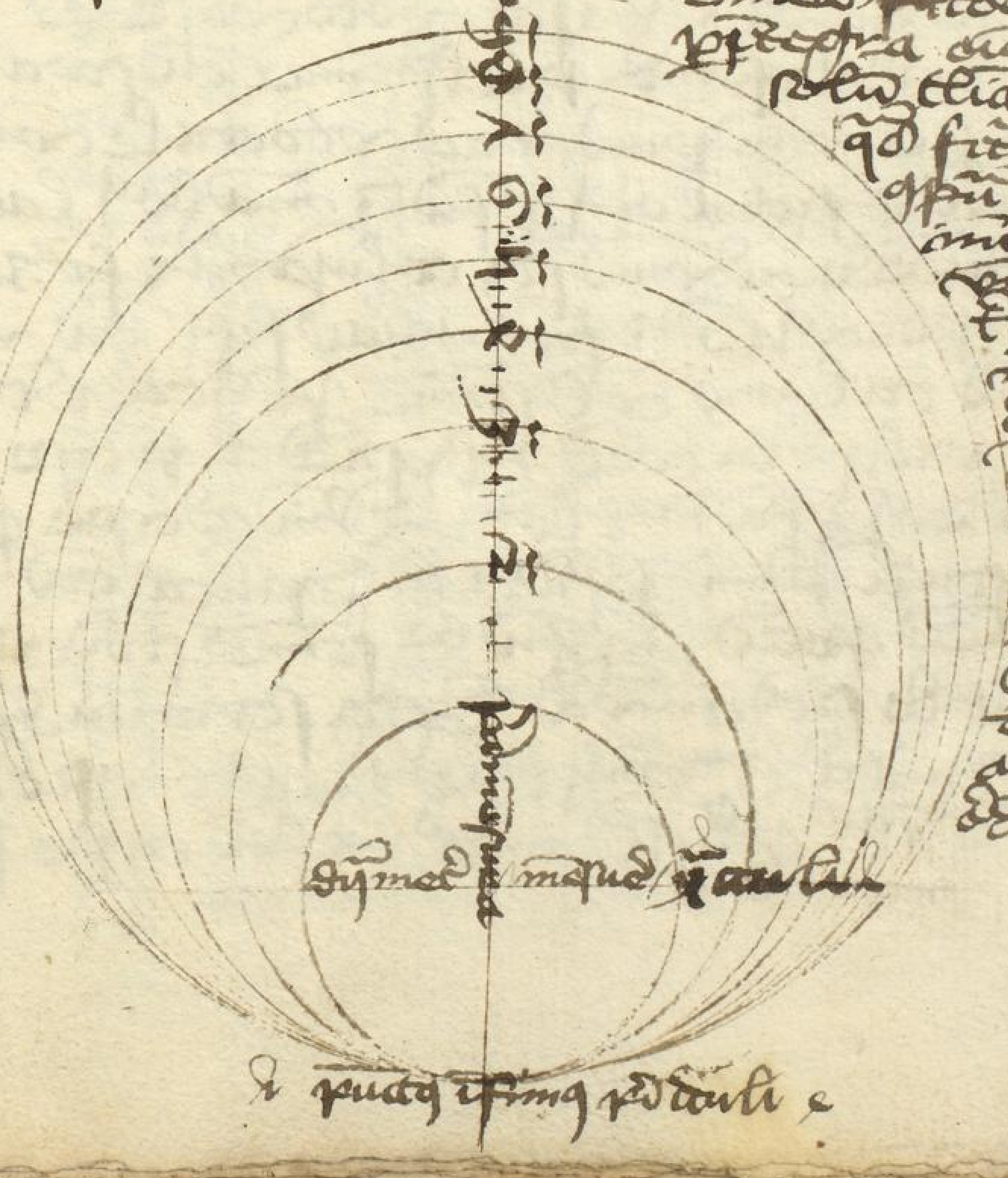
incipiet prius demarcari / maximo ad mensuram
pyramidalia partes longitudinis altitudinis latitudinis dicte
crescit autem ita sicut talia esse plura [illegible]
dimidio [illegible] sunt ita pyramida secundum [illegible]
m. e. [illegible] quod crescit [illegible] mensure [illegible] v cio
[illegible] pyramidem [illegible] dicte impartabit mensuram
capitule [illegible] esse fuit [illegible] mensuram [illegible]
potius [illegible] / et summendo pyramida [illegible]
[illegible] pyramidalis [illegible] vasa [illegible]
[illegible] dicte i. ad [illegible] mensuras
i^e [illegible] dicte multiplicatur [illegible]
pomis [illegible] dicte [illegible] altitudinis longitudinis
vasa [illegible] mensuram [illegible]
[illegible] libri [illegible]
[illegible] mensuras [illegible] e m. [illegible]
[illegible] libri [illegible] mensure / [illegible]
[illegible] Si autem [illegible] vasa [illegible]
[illegible] si [illegible] ad puncta
[illegible] de medio [illegible] ad [illegible]
[illegible] [illegible] puncta
superficie et multiplicatur [illegible]
[illegible] / [illegible] e. [illegible]
[illegible] si [illegible] vasa [illegible]
[illegible] dicte / si [illegible] ad puncta
de medio [illegible] ad [illegible] libri puncto
altitudinis [illegible] / [illegible]
[illegible] intus [illegible] / i. [illegible]
[illegible] / [illegible]
[illegible] pyramidalis [illegible]
summendi [illegible] dicte [illegible] ad planum
[illegible] ad longitudinis [illegible] dicte
[illegible] pyramida [illegible] / [illegible]

fac cum a lineam rectam alicuius cono adalium quod in
tar' centri incipere quod vel longe imponere
quod primo incipiat una linea que centra secunda sit
tamen imaginando linee prius imposite sic / cum termino
circuli ita quod circulus extendatur ad medietatem
centri accepti et tunc fiat circulus qui contineat
in centro circulus ipsius qui est datus pes imposita
descripta quod in circulus dividatur in partes
equales precise ita quod fiat circulus dividendo circuli
ut supra in prima diuidenda ita extendere
circulus ad medium centri pes circuli positas et quadrati
alicuius puncti centrali circuli aliter similiter post
hoc cum pede circini imposite desiderio centri
primo vel descripto circulo quod in 3 et in 2° pedi te
tangit lineam iam tactam alibi sicut puncti quod
id centri circuli figuram supra imposita hoc facto cum
circulo dicto centro termino ab initio supra
fac tunc prouideat circulus extremitas centri 2°
circulo precise et post cum pedem aperte primi
centri et cum dicto pede sic de linea primum puncti
quod in extende quarta circuli dicti puncto 2° primi
circuli quod superius dicitur ita sicut tunc puncti quod in post
circulum descripto linee per circuli et quod cum
a° pede centri tunc circuli fiendi in quo centro
fiat circulus supra imposita et quod omnes alie
fiat precise quod si placet dicto cum tunc
precisa descripto primo centro et in cuius
in linea tamen qui est quod in nunc anxius
circulus sicut ante tactus puncti linea primo
centro tunc spatio quod in primum centri
alius extende qui in ducalis infra quod in
si in sicut in sed supposit sicut in ita
quod sed incipiat cum dimidio centrum centri
tunc sola descriptio primum circuli et vel in

ia qualitat divideix diamoeda en sa ... divideix per
... e dona qualitat e mesura ... divi
... part e partitura ... de ...
... altres ... mesura ... lo ...
... de altres ... parts ...

Et ... lo ... sit
... ita sit
... ...
... ... mayor
... ...
... ...
... ... ipsa
... ...
... ... mayor
... ...
... ...
... ...
... ... lo ...
... ... quantitate
... capacitate ...

E ... fassa una qualitat ...
... qualitat ... vernam
... ...
... ... plasent
... mesura ...
... ...
... mesura
... ...
... lo ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... ...
... mesura
... ...
... ...
... mesura
... ...
... ...
... ...



Alembicus

Vel sic: que confectis recipe divide canulam directe per partem aliam et pone per mediam vitrum. Et recipe vitrum et extende cum aliqua re ad aliam et pone recipiendo ... canuli unum partem et cum alia ...na ... partem ... cum ... per ... latus ... et ... dictam ... et pone cum ... canuli et ... ad mensuram ... et ... et ... ad placitum et tunc recipe vas ... quo ... dicta ... recipe ... vas ... et ... vas ... plus quam vas ... et ... medio ... medium ... et ... magna ... inmodanda ... recipe ... noti vasis ... et vas ... dicta ... adcoma ... cum ... recipe ... cum isto vitro vase et



Alembicus

Et ad sublimandum ... recipe unum vas vitreale ... et ... ad ... et ... ad ... recipe ... alias fit cum uno alio calamo ... recipe ad vas ... et recipe ... recipe partem ... et applica cum ... potest ... sedere vasis ... fiendo ... cum ... cum ... ad ... cum ... recipe filio.

Locum primi capituli duplicando terciam quartam
... capituli ... cum i. omnino locum ...
... similiter posita locis ... ante ...
... ante ... respondit
... i. ... respondet ... multi
... latitudinis 3a
... a ... modo ... faciendi ...

1	100	35	327
2	126	36	330
3	144	37	333
4	150	38	336
5	170	39	339
6	181	40	342
7	190	41	345
8	200	42	348
9	209	43	351
10	217	44	354
11	224	45	357
12	231	46	359
13	237	47	362
14	243	48	364
15	248	49	367
16	254	50	369
17	259	51	372
18	265	52	374
19	268	53	377
20	273	54	379
21	277	55	382
22	281	56	384
23	284	57	386
24	289	58	388
25	293	59	390
26	297	60	392
27	300	61	394
28	304	62	396
29	307	63	398
30	311	64	400
31	314		
32	318		
33	321		
34	324		

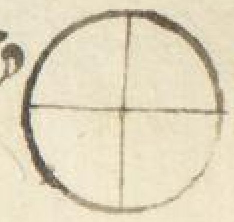
... adstituendo (ad mens.)
posita in uno latere solu
tarum in recta una
ama dividatur prima ama
in certu partes equales primum
quarta ama capiatur .126.
... 3a capiatur ...
partes ... cetesimus
tertia ... 39 ... ibi
partes dist. ... scripto
... 18 ... tua ...
ama sic ... ame
capiatur ... tercia ...
cetesimus post ...
... scripto ... distz ...
... i. ... tria
latitudine scripto ...
tua ... respondet ...
... ita ...
... in ...
... et ... medio
... adequalitate
in ... et ...
... ita ... sic in aliis ...
... cum ... et ...
... ita ... profunditati ...

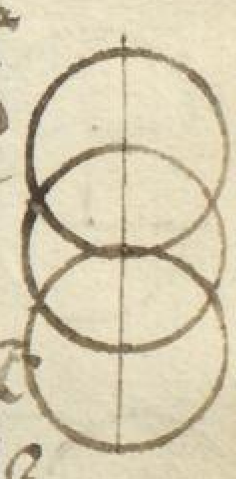
Et quadrale mas(?) habet duo latera divisa in 12
partes que dicuntur puncta seu digiti umbrarum
et latus inferius quadrati quadrale dicitur latus umbre
extense seu recte quia umbra cognita ab ipso dicitur
recta siue suppine recte. Aliud latus erectum supra
primus armilla dicitur umbra versa et umbra
cognita ab ipso quod est erecta quia ex altitudine
ipsius umbra versa sic falacii vel triangulum
eommuno erecto vel pictis in inciscindis
aliud suppositum quod maiori fita dimidio
inter puncta ...plices cum ... ...
et replicas ... ... quod dicitur digiti seu
puncta umbrarum. Item si altitudo solis fuerit
precise 45 gradus tunc ... lata umbra recta
...a ... puncta ... ...
altitudo solis fuerit maior 45 gradibus tunc ... ...
cabit latus umbre recte id est per puncta
umbre recte diuisorum 12 ... puncta
umbre ... aut altitudo solis fuerit minor
45 gradibus tunc puncta abscisa erunt umbre ... per
dimidi 12 ... puncta umbre recte
... in ... maiorem ... ...
... solis ... maior 45 gradibus ... ...
... maiorem ... minor ... altitudo ...

Ad mensurandum montem si licet fieri cadit perpendiculum
in comitiva ad ipsa 10 atque ita fecit ver ...
num productorum abstrahendorum divide 12 et quadratum
quid loco signato ... et itum
eius ad altitudinem et primum productorum divide
12 et ... in quantitate minori ...
et quadratum maiorum ... in ...
spacium ... et numerum ... divide
divide ... quadratum et numerus qui ...
tit ... divide adde ... loco ... a ...
... et ... altitudo ... et ...

§. S[equitu]r q[ua]dratura circuli edita a campano rome.

Aristoteles in eo q[ui] de p[re]dicamentis i[n]scribitur libro
ait hoc: Quadratura ide[st] circuli scibil[is] s[i] sci[enti]a
aut[em] eius no[n]du[m] [est] et inp[ossi]b[i]le [illegible] loc[is] [illegible] [illegible]
q[ui] h[uius]mo[d]i [illegible] conand[o] [illegible] [illegible] Quadra[tur]a[m]
q[ua]dratura eius [illegible] campanus p[re]mittit
[illegible] [illegible] [illegible] [illegible] q[uar]to inducit illi
[illegible] figura [illegible] [illegible] p[ri]ma p[ri]ncipal[is] [illegible] ista
lineam [illegible] ducta linea dyamet[r]o angulos pa°
equalia secari dyameter .n. [illegible] linea r[e]cta q[ua]li
[illegible] [illegible] [illegible] ducta dividet figura[m]
in p[ar]tes equales [illegible] si sunt duo dyametri [illegible]
int[er]secant [illegible] ad angulos r[e]ctos dividunt
figuram in q[ua]tuor equales [illegible] adiri q[uo]d [illegible] duo dy-
metros [illegible] dyameter [illegible] duas
equales [illegible] p[ro]p[ter] medietatem circuli [illegible] 2a
linee [illegible] ducte linea recta equales dare
[illegible] mathematicos circuli divid[itur] in .22.
partes equales [illegible] [illegible] [illegible] p[ar]tes
3a [illegible] [illegible] dyameter circuli [illegible]
[illegible] dyameter [illegible] [illegible] dyamet[er] [illegible]
[illegible] p[ar]tes [illegible] habebit linea recta equalis
circulo [illegible] ut patebit infra manifeste.
Lineam rectam in p[ar]tes equalia secare [illegible] fiat circulus 3
[illegible] circino n[on] [illegible] dilatato [illegible]
[illegible] [illegible] [illegible] circuli [illegible]
[illegible] in duobus locis int[er]secat p[ri]mum [illegible]
int[er]secat [illegible] [illegible] [illegible] p[ri]mi [illegible] inducat
linea recta [illegible] extra ab extremo in [illegible]
[illegible] circuli [illegible] linea [illegible]
[illegible] circuli [illegible] [illegible] [illegible]
[illegible] [illegible] 3[u]s circulus [illegible]
[illegible] duobus locis int[er]secet [illegible] circulum et int[er]secat
[illegible] p[ri]mum [illegible] circuli [illegible]
linea [illegible] recta [illegible] [illegible]
circuli [illegible] [illegible] [illegible] linea recta
[illegible] [illegible] extra ab [illegible] circuli
[illegible] [illegible] 3[us] circuli dividit [illegible] equales
p[ar]tes [illegible] que [illegible] p[ar]tes due [illegible] linee





perpendiculo recto a recto usque ad descendendum ducte quo
cubus. Et continuum cum eius sit cubica continet
cubica per quamlibet per lineae in eorum puncto
angulorum quarta cubica cubi contra lineae in alio
cubo circumscripto. Secundo id probatur sic capiatur cum
cubus descendens perpendiculo cum in puncto puncto descen-
dendo eius cubi per eius cubi medii diagonii significati
procedat ex cubum sedem ibique superficies recto
ducatur ubi 2us cubus constituatur continet sedem
de puncto puncto de puncto perpendiculo cum quadrati
ducatur aliquis per cum ubi 3us cubus constituatur
perpendiculariter ut tunc linea recta prima fuit
procedatur de uno per capitulum ut ipsum ducatur sic
Constituto recto lineae cubicae quadratum ad-
lateralem collocatur. Secundo quia in aliud [illegible]
per diametrum sic fiat due lineae recte supra
in capite coincidentes ubique tunc constituatur
cum aequalitate. Cum descendendo ponatur per [illegible]
in quadratum [illegible] lineam et reliqua per [illegible]
altius [illegible] sicque completur cubus. si con-
pletum intelligitur sic. Et descendendo ponatur per
cum in quadrati in tale altius linea procedat
[illegible] ad descendendum a. s. linea procedat. sit a supra
diametrum [illegible] cubi et ducatur constituatur
cubum [illegible] cubum [illegible] et in pilla
de loco suo usque ad locum [illegible] ducta [illegible]
linea recta constituatur [illegible]
diametro cubi [illegible] diametro
[illegible] cubi [illegible] de latere [illegible]
per cum in diagonii significati [illegible] altius
[illegible] cubi usque descendendo [illegible]
[illegible] per [illegible] cubi [illegible]
[illegible] usque ad locum [illegible] linea ducta
[illegible] constituatur cubum [illegible]
et [illegible] in eorum loco [illegible] linea
recta [illegible] cubi usque ad caput









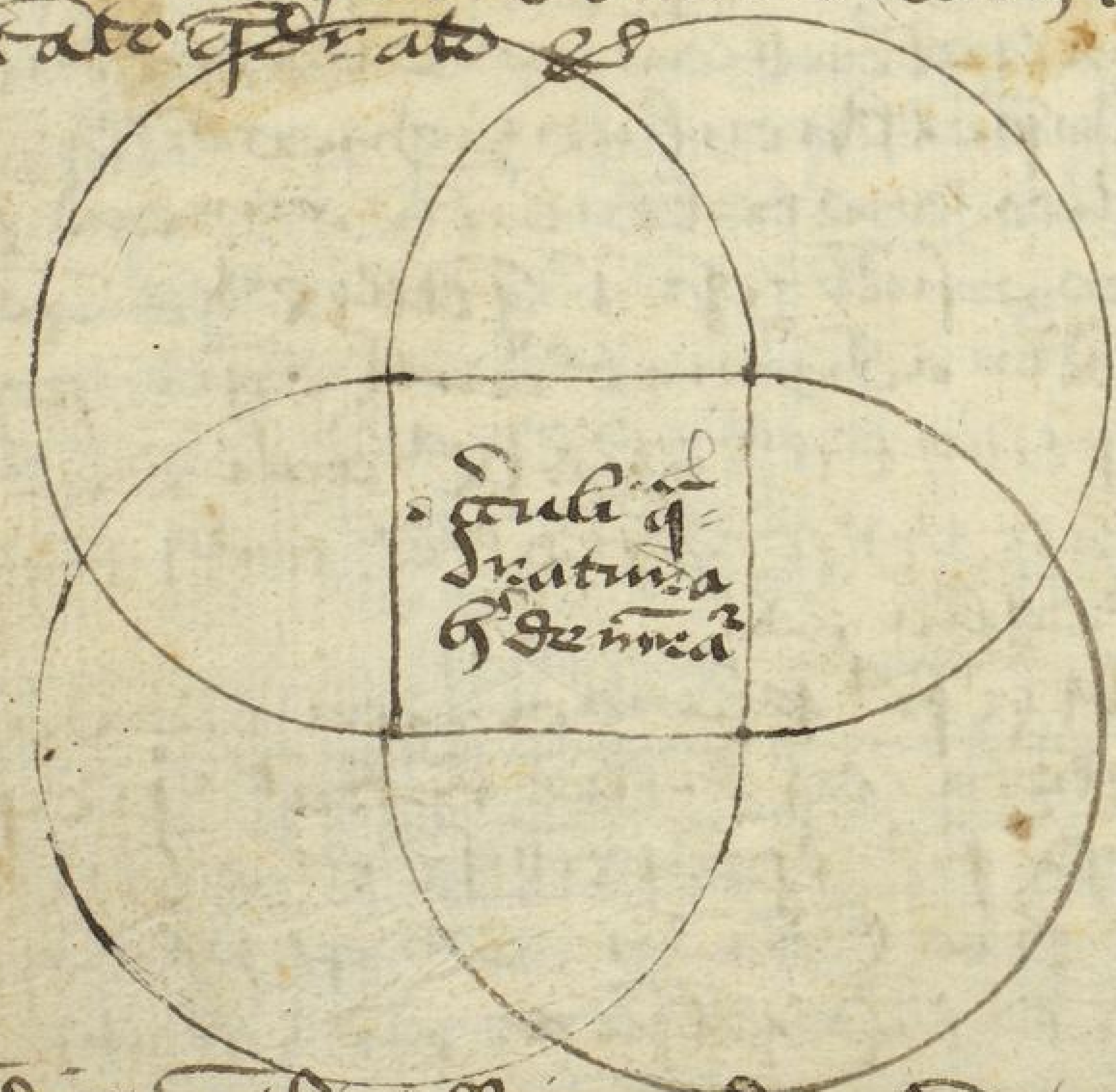
linee protracte a centro secundi circuli ut in figura
describitur. Deinde protrahe per centrum primi circuli
lineam. Postea linea protracta a centro secundi
circuli ad circumferentiam, aliam protrahe per centrum tertii
et quarti; postea a centro secundi constitue circulos
de quibus. Ipsos 3m et 4m circulos quilibet dico
[illegible] per illos; lateri quadrati linee recte illius
circuli constituunt latum equilaterum secundum
eisdem [illegible]; nam quilibet due linee sunt
inter circulos a centro ad circumferentiam; [illegible]
[illegible] ipsi circuli [illegible] ad [illegible]
per latera quadrati ne tollat [illegible]
quadratum aliquid cum de ipso quadrati [illegible] constitui
[illegible] ut in figura [illegible]



maior Circulus figura plana [illegible] linea circulari 4a
ducta contenta cuius dyametri [illegible]
[illegible] eius figure [illegible]
quadrato eius latus eius circuli dyametri [illegible]
Postea [illegible] partibus [illegible]
[illegible] ab eo [illegible]
equalia sunt [illegible]
[illegible]
[illegible]
[illegible] quibus [illegible]
latus [illegible] ad dyametrum circuli equaliter [illegible]
[illegible] partibus [illegible] circuli et [illegible]
latus quadrati [illegible] circuli [illegible]
quadratum sunt equalia [illegible]

minor Circulus [illegible] plana minor linea circulari 6a
ducta contenta cuius [illegible]
[illegible]
[illegible]
[illegible] circulus [illegible]
in 22 partes et [illegible] 22 partes [illegible]

3a ꝯmanet scilicet quod dyameter circuli se habet ad
pe circuli continet .4. partes cum dimidia ~~[...]~~
~~[...] [illegible] ... impossibile~~ quod
ut patet quod dyameter circumferentie quod excedit
parte circuli [...] partibus i. [...] me-
dietatibus que nomina [...] 2a parte
et [...] media eius [...] 4a [...]
maior et 6a minor [...] patet quod circulus
gelo primo propositio scilicet [...] scilicet hec [...]
circulus et equalis quadrato cuius latus circuli
dyameter [...] partibus [...]
~~[...] eius quadrati~~ [...]
[...] fiat [...] circuli ad pla-
[...] cum dyameter [...] parte
[...] a [...] 2a [...] in
[...] quadrato equalatere parte [...]
cuius quadrati latus [...] partem et
dimidia dyametri [...] pro-
[...] patebit [...] circulus [...]
[...] equalis et [...] circulus [...]
ac [...] quadrato



[.] [...] predicamentis 20. [...]
[...] quadratura circuli cum zenone et alios
[...] dicunt zenone [...] [...]

Medium motum saturni iovis martis solis veneris mercurii lune vel capitis draconis et medium argumentum saturni iovis martis veneris mercurii vel lune ad motum centri lune in gemine. Primo accipe radicem ipsius motus cum volueris. Inde considera de sum anni completi elapsi post tuam radicem et cum ipso numero intra tabulas annorum et que inveneris directe scripta adde radici tue et habebis radicem pro anno tue considerationis in ultima die decembris in meridie. Post hoc scito utrum annus quem consideras sit bissextilis an non hoc intra tabulas mensium accipiendo mensem immediate precedentem et que inveneris directe scripta pone adiunge (?) precedenti post hoc scito quot dies in meridie diei datis per placitum inveneris notatum et cum ipso numero intra tabulas dierum separatas et pone eos. Dierum facito quorum vi (?) adde hora in meridie hora cuius motum. Et tunc si excedit separatas eleva scripta super signa sexagesima remove sexagesima secunda adde unum minutum. Item proxima sexagesima minuta adde unum gradum. Item si gradus ultra triginta adde unum signum et si fuerint signa plura duodecim remove duodecim et residuum erit motus quesitus completus et compositus in signa gradus minuta et secunda etc. Maria mater etc.

Nota Saturnus ♄ / Iupiter ♃ / Mars ♂ / Sol ☉ / Venus ♀ / Mercurius ☿ / Luna ☽ / Caput ☊ / Cauda ☋ etc.
Retrogradus medium ... Centrum ... Aux ...
Trinus △ Sextil ✱ Quarta □ Oppositio
... conjunctio ☌ ... Comitto ... etc.

Ad medium motum [?] supponitur augium communem moveri per augem singulis annis per ... quam secunda et aux stellarum ... quia ... placete posita est tabula infra ad annum domini millesimum tercentesimum quadragesimum sextum completum edificata etc.

Aux	Sig	G	M	Secunda
Saturni	8	12	38	54
Jovis	5	22	52	14
Martis	4	14	21	25
Solis	3	0	40	35
Veneris	3	0	40	35
Mercurii	6	29	44	45

Si autem addere vis ad annum post quadragesimum sextum completum ad quod placete vis augem edificare adde ... anno lapso ... secunda. Et sic procede inter medio ... quanto ... fuit ... tempore etc.

Et ... ceterum veneris ... planetarum ... secundum ... motus ... in motus ... et

Ad locum solis inveniendum accipe primo medium motum eius ... sua deinde accipe augem solis quod invenitur ... augis solis a medio motu ... quo ... signis ... et in tabula equacionis solis ... numerum ... lineis numerum ... in ... equacionem solis ... si argumentum fuerit ... signis adde ad medium motum solis et si fuerit minus ... et ... et ... verum locum solis etc.

proporcionem

Et quando ... motus ... per ... additio ... xii ... addere ...

Ad locum lune in verum equare pro medio motu lune medium argumentum lune et centrum lune accipe et sua [illegible] motu predictum Deinde intra cum signis et gradibus centri in tablas equacionum lune et accipe equacionem centri quod si centrum fuerit maius sex signis subtrahe ab argumento medio Si vero minus tunc eandem eius adiunge et postea spacium habebis verum argumentum lune quo habito cum eius signis et gradibus accipe equacionem argumenti quod si argumentum verum fuerit maius sex signis adde ad medium motum lune Si minus tunc subtrahe et postea spacium invenies verum lune locum

Item eciam aliorum planetarum verum motum invenies equare pro medio motu eius et argumentum medium Deinde subtrahe augem planete a medio motu eius et remanebit centrum planete cum cuius signis et gradibus accipe equacionem centri quod si centrum fuerit maius sex signis adde ad medium motum planete et tunc eandem subtrahe ab argumento medio Si vero fuerit minus tunc eam subtrahe a medio motu planete et eandem adiunge medio argumento et provenient medius motus centri equatus et argumentum verum planete Deinde intra cum signis et gradibus veri argumenti et accipe equacionem argumenti quod si argumentum verum fuerit minus sex signis adde ad medium motum planete centri equatum Si vero maius tunc eam ab eodem subtrahe et postea spacium pervenies verum planete locum etc

Eciam de subtili [illegible] medio motu et [illegible] medio [illegible]

xl gradus a cauda serpentis et adde super signum de eius loco et

Per locum capitis draconis si eius coniungere
cum medium motum eius et serpentis de duodecim
signis et proveniet locus eius locus capitis. Inveni
ita per [illegible] locum caude etc.

Si vis medias coniunctiones solis et lune invenire
tunc medium motum solis et lune adiunge proximum
coniunctionem precedentem et [illegible] maior [illegible] maioris
[illegible] manifestum est [illegible] distantia eius
que fuerit maior in motu quia si fuerit solis et
coniunctio futura si lune et preterita. Ista autem locum
reduc ad [illegible] et divide per superatam motus
lune in [illegible] suppone et mille quingenta viginti
octo secunda et proveniet unius [illegible] horas quod
autem post divisionem remanet multiplica per sexaginta
et per eandem divide secundum superatam ut prius et
proveniet minuta horarum et quod iterum post divisionem
remanserit si per sexaginta multiplicaveris et
per [illegible] divisis proveniet secunda horarum
et [illegible] tempus sit inventum adde ad
tempus [illegible] si coniunctio fuerit futura vel
[illegible] si fuerit preterita et erit tempus medie
coniunctionis solis et lune. Vita una coniunctione
ad [illegible] sequentem adde adiuncta
viginti novem dies duodecim horas quadra-
ginta quatuor minuta. Et ad precedentem
adde [illegible] coniunctionis [illegible] dies [illegible]
[illegible] horas et viginti duo minuta etc.

Et [illegible] capitis draconis [illegible] lune [illegible]
[illegible] in [illegible] distantia lune [illegible] plus
[illegible] cauda draconis [illegible]. Signum lune incipit
[illegible] et [illegible] in [illegible] capitis
[illegible] autem [illegible] medie et [illegible] cauda etc.

Et si non fuerit equalis locus solis et argumenti eius equalis locus lune etc. quando vera
coniunctio est, fit coniunctio quibus vera coniunctio sit etc. minuta etc.

[I]nuenire veram coniunctionem solis et lune in eorum
gradu et latitudine solis et lune ad horam medie
coniunctionis prius canones in capitulo quod in lunari
non est gradus et circulus nec equatio [illegible]
equatus. Medium cum eo gradu sufficiat
motus lune. [D]ictis ergo veris locis solis et lune
[illegible] inuentis [illegible] et quod remanet reduc
ad gradum et [illegible]. [U]nde sciatur motum solis et
lune in una hora quod si [illegible] hora in
cum equatione solis in tabulis motus solis et lune
in una hora [illegible] motum solis in hora
[illegible] intra cum equatione lune in eadem
tabula et accipe motum lune in hora et
[illegible] motum solis in hora de motu lune
in hora et quod remanet reduc ad minuta [illegible]
superatio [illegible] divide distantiam reductam
ad gradum et prouenient hore quod [illegible]
divisam remanet multiplica per sexaginta et
postea divide per eandem superationem et prouenient
minuta hore etc. [illegible] quod hora cum
minutis [illegible] addatur ad horas medie
coniunctionis [illegible] coniunctio vera fiat sub
sole eius [illegible] si fuerit [illegible] et quod
[illegible] prouenient erit tempus vere
coniunctionis solis et lune. [C]onsimiliter intelliges
de vera oppositione salua distantia solis superius
[illegible] oppositione medie coniunctionis solis et lune [illegible]
signa [illegible] et [illegible] etc.

[D]eo gracias marie et hedwas
[S]o frauw ich mit fierlust etc.

Et medius motus solis dicitur punctus celi quem terminat linea
exiens a centro terre equidistans linee exeunti
a centro ecentrici per centrum solis. Argumentum solis dicitur
distantia medii motus ab auge ecentrici. Et hoc est
quod in tabulis vocatur centrum. Equatio solis dicitur
arcus zodiaci interceptus inter lineam medii
motus et veri. Verus autem motus solis et aliorum
planetarum dicitur punctus celi quem terminat linea exiens
a centro terre (equantis) per centrum corporis planete. Aux epi-
cicli media dicitur punctus superior epicicli quem
terminat linea exiens a centro equantis. Aux
vera epicicli dicitur punctus epicicli superior
quem terminat linea exiens a centro terre per centrum
epicicli. Argumentum medium planete dicitur distantia
centri planete ab auge media epicicli. Argumentum
verum dicitur distantia centri planete ab auge
vera epicicli. Medius motus centri equantis [illegible]
[illegible]. Verus motus epicicli dicitur punctus celi
quem terminat linea exiens a centro terre per centrum
epicicli. Equatio centri dicitur arcus interceptus
inter lineam medii motus et veri motus epicicli.
Equatio argumenti dicitur arcus interceptus inter verum
motum epicicli et verum motum planete. Et
locus planete dicitur punctus celi quem terminat linea
exiens a centro terre per centrum corporis. Oppositus
autem punctus illi motui dicitur oppositio augis etc.
[illegible] planete in auge etc. et [illegible] puncto celi
[illegible] [illegible] in puncto [illegible] illi [illegible] et [illegible] augis
Et si de aliqua linea [illegible] duntaxat capias duas
lineas ei equa [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] media et [illegible]
linea equa [illegible] [illegible] equaliter etc.
Et [illegible] eclipsium [illegible] [illegible] [illegible]
[illegible] tempore [illegible] et si fuit [illegible]
[illegible] vel 4 [illegible] et plus 88 [illegible] 3 [illegible]
et [illegible] vel 2 [illegible] et plus 88 [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] loco [illegible]

Modus inveniendi vel horarum
[illegible] cum sit linea coniunctionis pars in anno 2° [illegible]

Modus corrigendi tabulas secundum [illegible] propositas motus
omnis dici corrected quod si duplavimus [illegible] motum duorum
dierum et sic motum omnis dici additum ad motum
duorum [illegible] motum cum dierum et [illegible] per totam dierum
tabulas. Eodem modo corrigitur tabula [illegible] secundum
[illegible] [illegible] [illegible] [illegible] [illegible] duas primas
in tabula dierum [illegible] motus [illegible] quod intermadius sit
[illegible] [illegible] linee [illegible] [illegible]
Item eodem modo corrigitur [illegible] ianuarii
adde motum tot dierum quot continet februarius
et [illegible] februarium supra quod si additum motum tot
dierum quot [illegible] martius in tabula dierum in numerum
dierum [illegible] martii motum et [illegible]
Et modus autem eodem modo sit dierum [illegible] in [illegible]
[illegible] addatur motus omnis dici in [illegible]
[illegible] [illegible] [illegible] [illegible] duplarum [illegible]
[illegible] [illegible] dalijs etc.
Item [illegible] eclipsis solis et lune inveniendis [illegible]
tempore [illegible] [illegible] locum capitis
draconis et caude [illegible] tempore et loco
solis et [illegible] motum [illegible]
[illegible] o. [illegible] sol [illegible] [illegible]
[illegible] [illegible] eclipsis solis. Eodem modo [illegible]
intelligere de eclipsi lune [illegible] Item
[illegible] linea [illegible] [illegible] [illegible] vis
corrigere [illegible] [illegible] [illegible] pars linea [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] si
vis [illegible] [illegible] linea [illegible] pars [illegible] Si [illegible]
[illegible] pars [illegible] Si [illegible] pars [illegible]
Si autem vis [illegible] [illegible] divide alia [illegible]
locum pars [illegible] divide [illegible] linea [illegible]
et [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] divisio et
[illegible] [illegible] [illegible] [illegible] [illegible]
dierum motus [illegible] [illegible] tot [illegible] et

tabula ant[e] matt[?]
[?]ta incipit ex[?]

[?] ant[?] quando planeta cadit [?]

Exaltacoes seu dignitates ista[?] o dignitates

Aries	Sol 19		Sat. 21	
Thaur	Lune 3			
Gem	Capit 3		Caude 3	
Cancer	Iovis 14		Mart 28	
Leo				
Virgo	Mercu 14		Venus 21	
Libra	Satu 21		Sol 19	
Scorpio			Lune 3	
Sagitt	Caude 3		Capit 3	
Capri	Mart 28		Iovis 14	
Aquari				
Pisces	Venus 27		Mercu 14	

Con[tra] exaltac[io] planeta est[?] in signo quo eat[?] planeta casus eius ut Sol in [?] aries casus 28 [?] sunt [?] sed capud [?]

Domus planetarum qui sunt dignitates — Domus gaudii quinque dignitates

Mart	Aries	
Venus	Thaurus	Venus
Mercu	Gem	
Lune	Cancer	
Solis	Leo	
Mercu	Virgo	Mercur
Venus	Libra	
Mart	Scorpio	Mart
Iovis	Sagitt	
Satu	Capri	Satu
Satu	Aqua	
Iovis	Pisces	

Tabula faciez

signa prima		signa 2a		signa 3a facies	
Mars	10	Sol	10	Ven	10
Mer	10	Lua	10	Sat	10
Jup	10	Mars	10	Sol	10
Ven	10	Mer	10	Lua	10
Sat	10	Jup	10	Mars	10
Sol	10	Ven	10	Mer	10
Lua	10	Sat	10	Jup	10
Mars	10	Sol	10	Ven	10
Mer	10	Lua	10	Sat	10
Jup	10	Mars	10	Sol	10
Ven	10	Mer	10	Lua	10
Sat	10	Jup	10	Mars	10

Et [?] prima decima [?] est facies Mart 2a decima facies Sol 3a decima facies Venus et sic de [?] nunquam pro faciees 29 2a 39 [?] et
Horoscopus id est [?] [?] [?] [?]

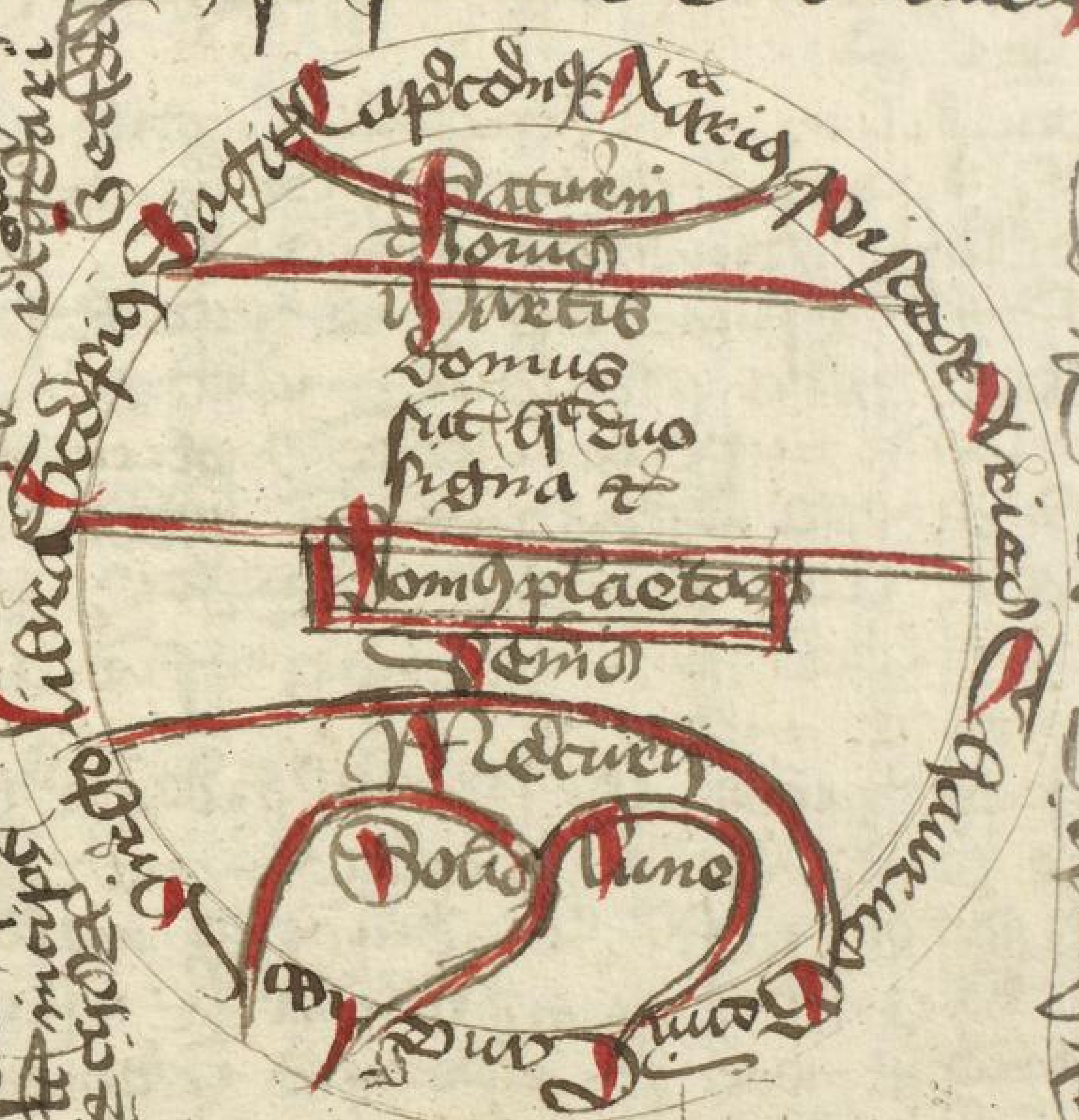
Grad[us] puteales

						Sat	Jup	Mars	Sol	Ven	Mer	Luna
6	11	17	23	29		4	4	8	8	3	2	0
4	13	18	[illegible]	24	26	3	2	4	0	10	3	8
2	12	17	26	30		4	6	3	1	2	10	0
12	17	23	26	30		4	6	4	0	6	3	9
6	13	14	22	23	28	6	6	3	8	2	2	0
8	13	16	21	24		2	2	4	1	6	12	3
1	7	20	30			0	10	6	2	0	7	4	1
9	10	22	27			0	2	2	11	1	6	2	3
7	12	14	[illegible]	27	30	6	10	2	3	2	3	1
27	17	22	[illegible]	28		7	3	10	1	4	2	3
12	9	[illegible]	29			0	10	4	2	0	3	6	1
5	2	[illegible]	27	28		3	8	6	0	9	2	3

Et no qſt ſigna a ti'mico canc' uſqz ad finē ſagi-
tarij oriunt' recte Alia obliq; Et recte orientia
occidunt oblique e contrario Et ſex ſigna a ti'mico
dicti uſq; in finē virginis ſūt ſeptentrionalia Alia
meridionalia Et duo ſigna domus longitudinis
a ſuccedēte dicunt' quadratura minime Et mutatio
apud ſcorpionem uſqz ad finē capricorni dicitur mutatio
maxima et ſol quod ſol motum habet mediate
prim' ſic placet inſuper terminis Alia aut
mutatio ſcorpionis anima et lux eſtas cū aqua
alia ſolis Et ſex ſigna a ſuccedente dicunt' mutatio
calida Alia ſol frigida Et quod quartarum ſemi
ſpera celi calida humida animalia puerilia
ſanguinea Et cancer leo virgo ſunt pars calida
ſicca eſtiualia colerica Et libra ſcorpio ſagit.
tertia pars celi frigida autūpnal colerica ſiue
melancolica Et eſt initium diminutionis mediocris
eſtatis Alia 4a dicitur frigida humida et feminina
hiemalis flegmatica etc.
Et placidus placitarum ſpherarum ſunt domus exaltationis
triplicitas terminus et facies Et ſeptimum ſignum
ab uno cuiuſcumque placete dicitur eius detrimentum
Et quod duo ſigna ſunt domus unius placete tunc
dicitur quadratura in aſtronomia Et cum ſolis
intrat arietem dicitur gaudet Jupiter gaudet in ſagitt.
Mars in ſcorpione Venus gaudet in thauro et
mercurius in virgine Et ſic in placete ſunt domini
iſtorum ſignorum Et ſeptimum ſignum ab exaltatione
placete dicitur eius depreſſio et ſecundum auctorem ſecundum
Ptholomeus ponit totum arietem exaltationem
ſolis et totum thaurum exaltationem lune et

Et aries leo sagittarius sunt prima triplicitas et conve-
nientes quare dicitur igneum masculinum diurnum calid-
um siccum colericum sapore amarum. Et triplicitas
orientalis. Dominus eius in die sol in nocte luna
iupiter particeps in die et nocte saturnus.
Secunda triplicitas taurus virgo capricornus et est
feminea nocturna terrea frigida sicca mela-
ncolica sapore acria meridiana. Dominus eius
in die venus in nocte luna particeps in die
et nocte mars. Tertia triplicitas geminorum libra aquarius est
masculina diurna sanguinea calida humida
aerea occidentalia sapore dulcia. Dominus eius
in die saturnus in nocte mercurius particeps die et
nocte iupiter. Quarta triplicitas cancer scorpio pisces
est feminea nocturna septentrionalia aquatica
flegmatica sapore salsa. Dominus eius sunt in die
venus in nocte mars particeps in die et nocte
luna. Et aspectus sextilis est aspectus dilectionis et
amicicie medie. Et aspectus trinus sive tetragona
indicatrix aspectus discordie atque inimicicie medie.
Aspectus autem oppositus est aspectus discordie atque
inimicicie perfecte. Et si planeta fuerit in medio parte
celi radiis eius dicitur esse in medio parte celi.
Et sol quod primi [illegible] autem sunt [illegible] iouis
Domus domus [illegible] fortitudines. Et
exaltationes [illegible] triplicitates. Et autem [illegible]
Et [illegible] duas [illegible] Et [illegible] faciei [illegible]
[illegible] Et iupiter [illegible] aucupium et deli-
ctationes [illegible] ipsum ipsam parte matrem
Venus [illegible] amicos [illegible] parte saturnus
[illegible] iupiter sol luna / et inimici
[illegible] mars [illegible] venus [illegible]

Martis aie [?] veneris et alij placete sunt cu[m] odio et plus odiunt cu[m] sole et iupitre Solis
vero aia sunt iupiter et venus Sed eius inimica sunt
mercurius et lua Mercurij aice sunt saturnus iupiter
et venus inimici eius sol et lua et mars Capitis
draconis aia sunt iupiter et venus inimici sunt
sol et mars Caude aia sunt saturnus et mars Et
inimici eius sunt sol lua et mercurius



Planete		S	G	M
		S	G	M
Inicium pe stacois	Saturni	7	28	88
Inicium retrogradacois		7	24	30
Finis retrogradacois		8	8	30
Finis 2e stacois		8	Λ	16
		S	G	M
Inicium pe stacois	Jovis	8	8	4
Inicium retrogradacois		8	Λ	11
Finis retrogradacois		Λ	22	89
Finis 2e stacois		Λ	24	44
		S	G	M
Inicium pe stacois	Martis	4	Λ	28
Inicium retrogra		4	9	14
Finis retrograd		6	10	84
Finis 2e stacois		6	22	22
		S	G	M
Inicium pe stacois	Veneris	4	14	14
Inicium retrogra		4	18	21
Finis retrograd		6	21	39
Finis 2e stacois		6	28	9
		S	G	M
Inicium pe stacois	Mercurij	8	28	82
Inicium retrograd		8	2	18
Finis retrograd		Λ	2	86
Finis 2e stacois		Λ	4	18

Amen

Et notandum quod prima domus ascendentalis dat astrologie. i. ascendens
et significat generaliter vitam, initium operum, interrogationibusque
orationes locutiones rumoribusque et quicquid cogitat in animo suo
interrogans et significat initium vite, gaudium, gradum mercurii
Secunda domus est substantie mobilis et immobilis et significat finem annorum
vite i. iuventute, videlicet gaudium lune et
Tertia domus fratrum sororum propinquorum dilectionis et fidei et re-
ligionis mandatorum legatorum nunciorum itinerum brevium
et significat de vite an mortem, ceca est
Quarta domus parentum hereditatum finem rerum thesaurorum terrarum
absconditorum civitatum et significat medie vite tempus
finem, rustica est
Quinta domus filiorum et delectationis legatorum atque dona-
tionum et significat post partiam [?] post mortem et laude re-
tempus, masculina, gaudium veneris est
Sexta domus infirmitatis et servorum et significat finem vite temporis futuri sic
an servitute, insula [?], gaudium martis est
Septima domus mulierum nuptiarum et litium principalium et
significat medium [?] finis vite et a senectute alia est
Octava domus mortis et timoris et significat pecuniam et hereditatem mortuorum
que dicit tres hereditates precedentis mortem et finem annorum
vite post senectutem, insula est
Nona domus peregrinationum atque itineris fidei religionis
sapientie philosophie litterarum epistolarum legatorum narrationum so-
mniorum atque saporum et significat dimidium vite, masculina, gaudium
solis. Decima domus regis et corporis sublimacionis et exultationis
regni et medicine et artis scilicet imperii et regnorum atque
iudicium et significat dimidium annorum vite, rustica est
Undecima domus fiducie et fortune laudationis amicitie
et utilitatis finem annorum mortis vite, ceca est,
gaudium iovis est
Duodecima domus inimicorum laborum et significat invidie
sollicitudinis calliditatis ingeniorum carcerum et
significat finem vite et quicquid contingit melius in genere
sua et bona vel malo in vicis [?] gaudium saturni est

Dies Saturni | No tollas medicina nec incidas nec
induas novas vestes nec radas caput
nec mitt ad regem nec ad manum eius no emas servos
no tractes cum prelatis no minuas nec ventosa no
cape iter si potes ingrede inimicum tuum et fugitivum
eme arma cunas fossa tolle tecum &c

Dies Iovis | Factum in licentia conjugium incidas
pannos incipias iter semina plata incipe
edificium nec emas arma nec vestias ...
nec mitt navim in &c

Martis | Abstine a dare manum ret et manum
inicio ... cape &c

Solis | Est conjugio ... conjugio ad regem
si non mitt ... placid. ... mea
pete sapias ... arma eme ... ad
venad et dignitate recipe &c

Veneris | Intromittas te de iaculatoribus et placitis
fac conjugium tollas medicinam ...
incipe iter fac ... no
mitt navi no minue nec plata nec semina

Mercurii | ... mitte ... mutua
tollas medicinam plata ...
puer ad scolas no iunge nec emas ...
nec ... nec muta te de domo ad aliam

Lune | No incipe edificium nec pannos
incidas nec ... fodias fossata
da filium ad discendum ... &c

Pisces
Aries
Balnea: Scorpion, Sagitt, Cancer, Libra, Tauro
Sagitt
Libra
Tonde capillos
Pisces
Gemini
Vestes nova induere
Pisces

In venado feram poe luaz in thauro
sextine vel capricorno Dixerunt sapie(ntes)
venari contra querit quod ponat lunaz in ariete
leone vel sagittario applicando bono aspectu
mali cum [illegible] Item quod nunquam videat
venata [illegible] eciam venatu in thauro aspectu
ad quos ad [illegible] tres tonos [illegible]
Item quod quod vident [illegible] aspectu capta
vident quod venato ab [illegible] Et cado amico
sit lua in signis [illegible] vel aquis applicando
[illegible]

Item signa [illegible] duplicia et [illegible] prima sagittarii venture
signa volatilia [illegible] vacce [illegible] et [illegible] cum
fine [illegible] [illegible] [illegible] sunt geminorum [illegible] pisces
Quadrupedia sunt leo sagittarius [illegible] sunt
aries taurus capricornus [illegible] [illegible] cum fine in
medio [illegible] aut capricornus et [illegible] [illegible] [illegible]
in [illegible] [illegible] [illegible] [illegible] sunt aries
taurus cancer scorpio et capricornus [illegible] [illegible]
[illegible] sunt cancer scorpio pisces [illegible] [illegible] sunt mortifere
[illegible] sunt [illegible] leo [illegible] filias
[illegible] sunt aries taurus libra sagittarius capricornus
[illegible] [illegible] luxuriosa sunt aries taurus leo capricornus
[illegible] [illegible] [illegible] sunt [illegible] ad [illegible]
[illegible] [illegible] [illegible] [illegible] taurus
leo capricornus et [illegible] [illegible] sagittarius [illegible]
sunt [illegible] [illegible] [illegible]
[illegible] cancer scorpio pisces etc.

Item aries respicit caput et faciem [illegible] et babilonia
persida arabia palestina. Taurus respicit [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] et [illegible] Geminorum [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
armenia [illegible] [illegible] [illegible] [illegible]
barcha. Cancer [illegible] [illegible] [illegible] [illegible]
pectus [illegible] costas [illegible] [illegible] [illegible]
armenia orientalem plagam [illegible] [illegible]
et [illegible] [illegible] in [illegible] et [illegible] Leo [illegible]
[illegible] [illegible] [illegible] calidus [illegible] [illegible]
angustie et [illegible] et [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
Virgo [illegible] [illegible] [illegible] et [illegible] et [illegible] [illegible]
[illegible] et [illegible] [illegible] [illegible] intestina

regiones alfaraanta et assebi que regiones
ita iclim et pthalfora et aspaliore et insulam q
in hyspania et garzi / Tertia est alios acras
est loca ksm aum homis lucias et insidora
veteris ptem venda anctias islandes et tora
konozl vel froz et q procedit eius finem usque
in affrica hnd azayst ad fine ethiopie et
bardam et est et caeme et regitten thes ca
sfdran tucath et hambarcrath / Et tercio est
alios locum eius loca hoi ai et est zera
quos testiclos ocsita amd emara et tra
telaystet et cura aratu effica eius usque
malgant est matruch et est ptia. / Quarti
infectis calidi est quos colas et ethiopiam
et matarolen et anymath et alich q india et
Capitula cite bone iatumdi cantu et calidi
in ttee ppi. est homis crinua / et ethiopiam
et hamd aratha et achmich et onachen usque
addus maria et usque adachmich et hanuch / Et
Post cantu et calidi q infecti hoi colori est
pedes quos et regiones catiracion et septe
[illegible] alemania et nale plaga ere et est ptiapa et in kunt
usque adassen et est insulam egiptu et alexa
driam et manet et et alsemen / Et

Saturnus manicas et pectus Jupiter ventrem Mars
caput Sol femora Venus pedes Mercurius crura
Luna genua. In thauro Saturnus ventrem Jupiter
dorsum Mars collum Sol genua Venus caput
Mercurius pedes Luna crura. In geminis Saturnus ventrem
Jupiter verenda et ? Mars pectus Sol
crura et cavillas Venus collum Mercurius caput
Luna femora. In cancro Saturnus ilia et ? natur.
Jupiter femora Mars pectus Sol pedes Venus
tibia et ? Mercurius oculos Luna caput
In leone Saturnus verenda et ? natur. Jupiter femora
et genua Mars ventrem Sol caput Venus cor
Mercurius ? Luna collum. In virgine Saturnus
pedes Jupiter genua et ? Mars
ventrem et verenda Sol collum Venus ventrem
Mercurius cor Luna ? In libra Saturnus
genua Jupiter oculos Mars verenda Sol ?
Venus caput Mercurius ventrem Luna cor. In
scorpione Saturnus cavillas et ? Jupiter
pedes Mars caput tibia et femora Sol cor
Venus verenda et ? Mercurius dorsum Luna
ventrem. In sagittario Saturnus pedes Jupiter
crura et caput Mars pedes et manus Sol ventrem
Venus femora et tibia Mercurius verenda et cor
Luna dorsum. In capricorno Saturnus caput et ?
pedes Jupiter genua ? Mars crura
? Sol dorsum Venus femora et cor Mercurius
verenda et ? Luna femora et verenda ?
In aquario Saturnus caput collum Jupiter ?
pectus pedes Mars cavillas et cor Sol verenda

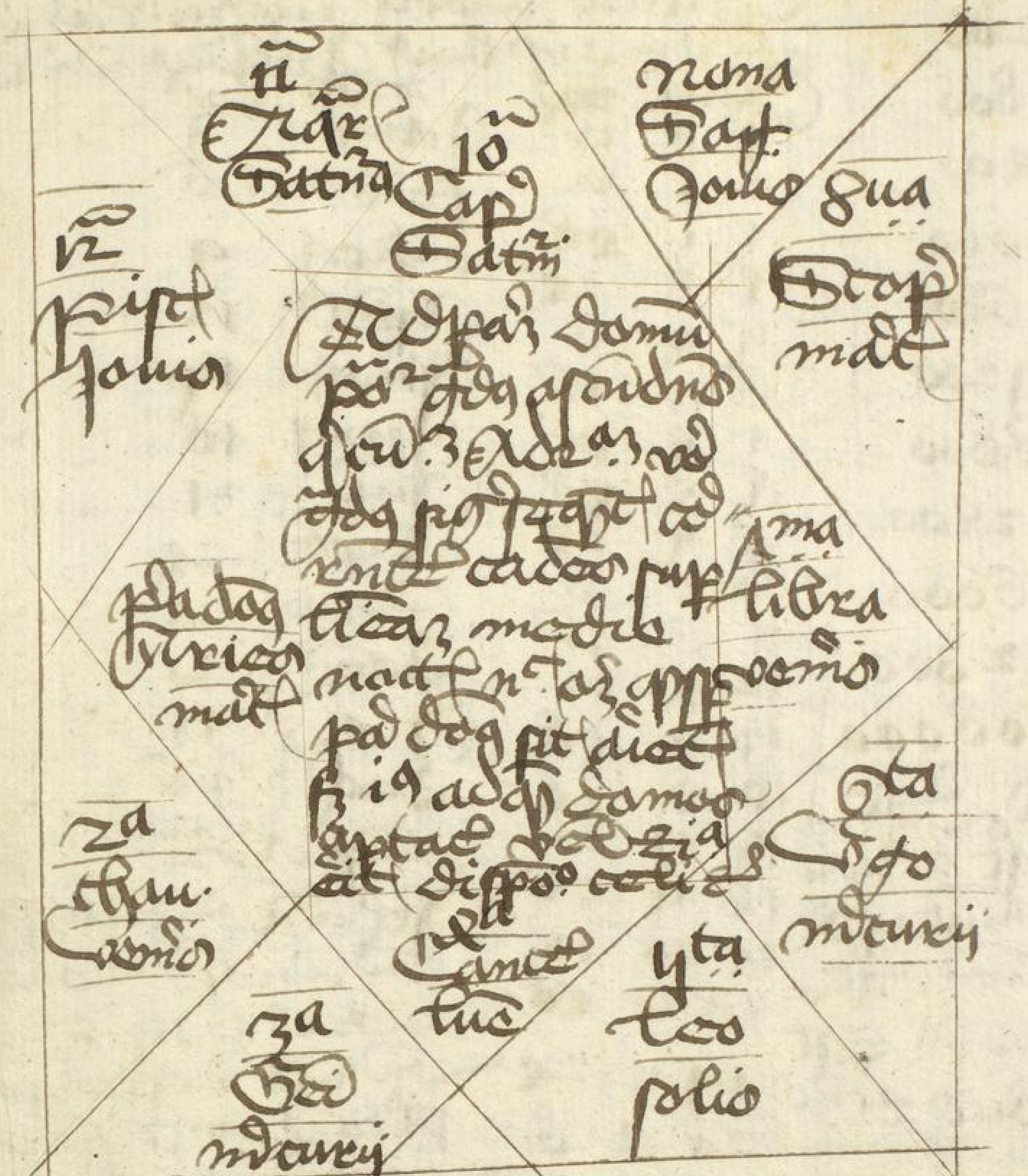
e succedentia corpus forma mediantis furca cu
lua corda Jnspice Saturni hircus tiessia
e collum super co et capud mas camellus &
vacca Sol femina e succedentia corpus collum et
dorsum Mediante cruda et corda lua fedea e
Jtem p[ri]m[us] mensis a tempore conceptionis est Saturni 2[us]
Jovis 3[us] martis & Ro[lan]dus luna incipit anti
quus & disponit 2m qualitatem amoris multorum
compositionem a deus c[um] Jnde mediantis 2o[ra] corpus &
Sol. 1[us] mas. 1[us] iupiter. R. Saturnus corpus ad
finem vite hominis et Ro[lan]dus t[ame]n Daminador i.
investigatio Jdeas ascendentes corpus mutat &
Ro[lan]dus Darilec i. locus vel factor vite intitulatus
Alcocoden et 3 significator vite ex Almu
tans 3 vita in natiuitate et Et 3 et no[tandum]
de Almunectara &
Jtem Seneca epistola q[uarta] vel [octa]ua de artibus liberalibus
compatit formatione lune/ lunaris poli/ medicus redit
a coni asstrologie/ mathematicus musica Joui geometria
Saturnus astronomia/ & illud dicit q[uod] perficit vitam
vicia convocibus & deorum immundus & donate loqui
e inordinate commendaciones in artibus vtilis et ad mores corrector
Jtem Saturnus sua firmitate e spiritu. mas immice recepta per
mense coadiuti Ju. 2o mense fecit & mensem tenuit mas
3o Saturnus fortificat tempus corpus et Sol. 3o vita affert
Venus ornatum filia & mensem officialia fecit. Mercurius omnia
fundamenta e pectus per concordes conponit luna &c co[mm]one
tamen dum & primus libris disputavit ho[m]o fuit et natus
vtile et si na[tus] dispositus ad iiij mense mas
qui vita Saturni vite c[on]tra ita reddit & cedit assimilatur
Nono ad mense super itum si fecta D. mansit calore
suo tempore factus salubre educit t[amen] Radicho eius ind[e]
ideo li. Si. ac dein Reda i. lo[co] in natiuitate etc. &

Item tertio quod duodecima undecima et decima domus vocantur quarta
orientalis et vocatur puerilis masculina in astutia
adveniendo et vernalis et significat initium vite. Alia
que a medio celi usque ad occasum est quarta meridiana
feminina et estivalis significans mediam etatem et vocatur
perfectio iuventutis estivalis et collerica. Item quarta quinta
et sexta sunt quarta occidentalis masculina adveniendo
significat quasi finem vite et vocatur autumpnalis et mediocris
etatis. Prime vero tres domus vocantur quarta septemtrionalis
feminina hyemalis et significat quod accidit homini post mortem
eius id est adveniat corpori eius vel eius dispositio de-
functa sicut quod dicatur de eo post laudes vel vitu-
peria et est senilis flegmatica feminina hyemalis et
Item decima domus et undecima et duodecima pars prima secunda tertia
dicuntur mediantes ascendentes. Alie vocantur mediantes
descendentes. Et pars que supra orizontem dicitur medietas
dextra et que sub orizonte dicitur medietas sinistra
Item domus etiam secunda quinta octava undecima vocantur
succedentes. Item prima quarta septima et decima vocantur anguli
Item tertia sexta nona duodecima dicuntur cadentes ab angulis
Item planeta in angulo vel eius succedenti dicitur
efficax et planeta in cadente ab angulo dicitur inefficax
Item Alcabicius dixit quod domus triplicitatis ascendentis
sunt prima domus vite et nativitatis nati sive incolatus
et eius delectationes atque voluptates et quod diligat
et odio habeat quod bonum vel mali eidem eveniat
in medio vite. Item vita eius ... fuit
fortior et medietas vite. Item id quod fecit sui fuerunt
Item dominus triplicitatis domus istius dixit ... ad
eorum sit fortior esse et loco ... fortiorem ...

auctoritate. Sol est et secundum ad magistros eius quis si fuerit
in medio celi inveniet quod ardere et si fuerit
in domo fiducie erit melius. Primus dominus planeta
dat statum in inicio vite 2 in medio 3 in fine. Tercius
dominus planeta domus fratrum significat fratres maiores 2 me-
dios 3 minores. Quartus dominus planeta domus parentum
significat patrem 2 civitates et terras 3 fines rerum et etates.
Quintus autem planeta domus filiorum significat filios et vitam
2 dominus delectaciones 3 dominus legatos. Sextus planeta
domus infirmitatum significat infirmitates et equales et tercias
a tum infirmitatibus et amat 2 ancillas et servos
3 qui in ... et alia ... atque opa-
cio bestiarum ... cum ... et ... soli-
tudines multum ... maiorum ... inicium et
confessiones et ... et ... Septimus dominus nupciarum
dominus primus significat mulieres 2 ... 3 ... et
participaciones. Octavus planeta domus mortis primus significat
mortem 2 ... 3 ... significat
... Nonus planeta domus peregrinacionis
primus significat peregrinacionem et omne quod accidit 2
fidem et religionem et valitudinem atque magistros
3 sapiencia sompniorum ... et ...
... atque ... Decimus planeta domus regni primus significat
opera exaltacionis ... sublimacionem magistrorum al-
tissimam 2 ... imperium et audaciam in ... 3
stabilitas atque durabilitas. Undecimus planeta domus fiducie primus
significat fiduciam 2 amicos 3 ... super ...
Duodecimus planeta domus inimicorum primus inimicos ce-
lare 3 bestias et peccata.

Rō anguli sunt pfectoz et fortitu^m. Rō ascē^d. magistri de'me^tu
et statutis nona et 3a vtilitatis .12. .&6^a. saltatoz et tertioz
et decimum vtilitatis. Rō
Rō anguli cum angulos sunt magnitudine honoris
atque fortitudinis fortune exaltatoz et celo gaudet accidentie
scientia eius contraria ex fortune .i. duodecim et eius quadratus
.10ma .i. 12ma sunt fatum et fortuna media et ultima parte
nisi erat fiducia. Quatuor^d partes sunt media fortuna
predatores et venatores et eius filioz eius variacoes
terra et gaudium possidet sunt fortuna
mediaz est quam illic et insignia Quarta .i. 4ma sunt fortunaz
media est quam hereditatem amicitias et arbores calle
si bene sit et scientia dum ascendens magistri
sunt eius potest in principio capaz ca(m) magistroz et sup^r
scientia in 10^a. sunt pretium et magnitudine altera et eius
sunt in 4ma prosperitas .i. mediatoria fallacias
atque victorias scientiam in p^a sunt hereditates et ptas
pritio et prospitudines atque exaltaciones et celebs
antiquos et radicalitas dum 10me scientia sua
in 4ma sunt fortunaz precium et civitatis et castra
et cultu terraz et edificationes cuiuslibet et celebus
antiquis et exaltaus scientiaz in p^a sunt fortunaz precium
terras et laboris et cultus terraz et edificacionis cuius
et pdimisiones fluminum et custodes cuiuslibet et
celebus antiquis. Et scientia sua magistr^te precium
ingenium et pp^ma^t. igitur celebs totum dimos 4me
scientias sua media sunt fortunaz pnegociationes et
mercatores et pauperes atque sapiens scientias sua
in p^a sunt fortunaz prosperitas in ligno negociationes
ptas pretium et civitatis et cultus terre scientias in
ascendente fortuna prosperitas negociationes ptas

medicine atque astronomie et prophetia spiritualia atque inge-
nia et cetera similia Et significat medietas fortunam
negociationes et questiones peccatorum et cetera et confes-
Quinta pars significat inceptum est occultum terre et secretu
peccatorum prelatum atque res antiquas significat in ma[…]
terre cultu secretu ingenium complexio et […] significat
in suo effectu occultum terre et septima […] satas
et confessiones [...] et suo facies […]
vndecim domorum [...]
Planeta almutan i. vincens et
Pro hayz planeta in similitudine est cum planeta diurnus
est in die superterra et in nocte subterra Aut planeta
nocturnus in nocte superterra et in die subterra Et si
ipse est masculinus et in signo masculino quod si femininus et
in signo feminino tunc planeta dicitur esse in suo hayz
et tunc fortitudo eius et cum fortitudo in loco eius prospe-
ritas atque fortune et
Saturnus masculinus malus diurnus frigidus […] si fuit
[…] in nocte significat senectutem […] si fuerit […]
[…] in mundo senectutes […] significat
[…] Jupiter fortuna masculinus diurnus et
[…] calidus et humidus temperatum
aerea […] et Mars masculinus malus nocturnus
calidus et siccus Sol […] fortuna et malus
[…] in uno signo et est masculinus diurnus et
Venus fortuna feminina nocturna […]
[…] et Mercurius […] masculinus diurnus
inclinat […] cum […] planetis et
signis Luna fortunata et feminina et



vel constitutionis supplicam dic signum sic et linea medii noctis ex parte 2e domus ducto ascendens ad finem 10me signum quod veniat super lineam medii noctis partis 3e domus seducta linea signum ad adorsum ascendentalis et nadir cardine sit medii noctis perpetuata erit ex parte 4e signum nadir ascendens super finem 2e domus et linea medii noctis ducat partem 4te Si id nadir ponas super finem 8e domus cadet partem 6e domus super lineam medii noctis partem at 1e domus et nadir ascendens partem que nadir 4e partem nona et nadir 3e et sic nadir 8te undecimo et nadir quinte domus duodecime nadir 6te etc.

Hec tabula docet quot 2a cadunt cum gradu et cum minuto et e converso per minutos sol et lune

G.	m.	Secunda.
1	60	3600
2	120	7200
3	180	10800
4	240	14400
5	300	18000
6	360	21600
7	420	25200
8	480	28800
9	540	32400
10	600	36000
20	1200	72000
30	1800	108000

Tabula motus augium et [illegible] in temporibus [illegible]

Anni.	m.	2a
1	0	36
2	1	12
3	1	48
4	2	24
5	3	0
6	3	36
7	4	12
8	4	48
9	5	24
10	6	0
11	6	36
12	7	12
13	7	48
14	8	24
15	9	0
16	9	36
17	10	12
18	10	48
19	11	24
20	12	0
40	12	36
60	13	12
80	13	48
100	14	24
200	28	48
400	57	36
Anni.	m.	2a.

Mensis.	2a.
Janu	3
Feb	6
Marc	9
April	12
Maij	15
Junij	18
Jul	21
Aug	24
Sep	27
Octob	30
No	33
Dec	36
Mensis.	2a.

Item ad ditum [illegible] annos [illegible] augeri 34. 2a et [illegible] uti [illegible] tabulas in alfonsum [illegible] annis [illegible] solis [illegible] quod [illegible] quod faciunt [illegible] anno. 36. 2a. et

Mi	Secunda	Docet quot 2a cum minuto cadunt et quot duo signa et quot gradus et cetera
1	60	
2	120	
3	180	
4	240	
5	300	
6	360	
7	420	
8	480	
9	540	
10	600	
20	1200	
30	1800	
40	2400	
50	3000	
60	3600	

It ad inveniendum cyclum solarem qui est 28 annorum
adda annis domini semper novem annos et totum divide
per 28 et quod remanet erit cyclus. Si totum surgit
sine residuo anno tunc in vltimo anno cycli quia
Christus fuit natus in decimo anno cycli solaris
et anno nativitatis Christi erant novem completi anni
de cyclo solari ~~Item predictos adde tunc et divide~~ per 28
It pro aureo numero adde annis domini unum et totum
divide per 19 et quod remanet erit tibi cyclus lune
et si nichil remanet sine residuo in vltimo anno cycli
quia Christus erat natus 2o anno cycli lunaris
et anno nativitatis erat completus unus
primus erat demum per lunam 24
Et in fuit dominus salvator noster natus
It nota quod quidam ... menses per lunares et ...
lune ... per ... adpositum ...
ita ... ...
... ... solaris ... spaciam ...
quod dum solis ... 12 ... ...
... quam addicione ... ...
... ... spaciam ... ... in anno
... 13 ... ... 28 dierum et in anno
... ...
... quod ... kalendariis ... ...
fuit ... ut in kalendariis ...
It ... ad ... ... 29 ... 12 ...
... addere ... ...
19 ... ...
... ...
... ... addere ... 12 ... 18 ... 22 ...
et ... ...
... ... almanach ... ...

Ciclus solaris est [illegible] tempus in quo littere dominicales
reducuntur in eundem statum in quo fuerunt prius et
hoc fit per 28 annos. Ciclus lunaris est tempus
in quo coniunctiones reducuntur ad eundem diem
in quo prius fuerunt et hoc fit in spacio 19 annorum etc.
Item annus solaris est 365 dierum et 6 horarum. Est
bisextilis est 366 dierum. Est lunaris communis est
354 dierum. Est embolismalis lunaris est 384 dierum etc.

Quinque tibi [illegible] dat [illegible] assumat
[illegible] septem [illegible] octo [illegible] relinque
[illegible] nouem [illegible] nona [illegible] dividat
Tu a septuagesima [illegible] [illegible]
[illegible] sex pasca [illegible] sit tibi regula
[illegible] bisextile dies [illegible] festum [illegible]
[illegible] dualis [illegible] [illegible] festa

[illegible] et datur [illegible] mobilium [illegible] etc.
Et in anno bisextili [illegible] in [illegible] littera
dominicali et alia festa [illegible] etc.

Item quando sol est in medio signo cum cane albabor
[illegible] incipiunt dies caniculares
[illegible] cane secundum alfonsum [illegible]
[illegible] admodum [illegible] sol [illegible]
[illegible] sole [illegible] aliqui [illegible]
[illegible] si fuerit [illegible] ad [illegible]
cum sole [illegible] medici [illegible] incipiunt
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] Johannes de london [illegible]
[illegible] etc.

Et propterea dicitur fiat modo lictus non blancus parieti
vocemur modo vera tempus in. primo mas ducenti
mu terus 26 . pro clavibus et tunc quidem in
modico anno preterito clavis fuit maior . 24 .
tunc dico vendit . 10 post hoc fuit . 3 . tunc
anni clavis . 3 . si anni preteriti clavis non
excedit . 24 tunc potest addi . 14 . ad claves
anni preteriti et sic assignatur claves tunc anni
ipso noto quos officiat . 20 . tunc dicitur
eqalita sit ibi et ceter . 1 mar . 3 . magis clavium
clavibus tamen quidem loca clavium ipso
mox scripti est
Formula etiam iam per quod reliqua sequitur fide
Matthei et apostoli 3ª quod supprema
regula . si vis scire festum pasce videas
claves quod 4 anni 1.º anno 1440 . 3 . 12
et quidem locum clavium pasce quod in tabula
etc. Mathei in kalendario et aliis locis
exemplum tunc 12 . et de tunc . ic . magis ex
precedenti scripti dominica 3 . festum pasce quam
in non . quod tunc clavium et festum magis
magis celebratur . 1 . modo dic ipso noto quod
in anno bisextili addi unius diem ad
unum clavium primam et cetera
anno quo bisextilis
Marcus qui erat in manat posterior epactas
dividit octob. indicio fit nona tempus
continuato atque ubique ipsi prelata dictis
in anni aurimeus madii muneris . 10 . kl. aprilis
aprili et pro dictis fili annos . rv . kl. viii kl.
ianuarii . ista lunare kl. ianuar. sol illud
friola . ciclus . dicitur luna apud eius . Concurrentes kl.
marcii . epactas in kl. septembris . indicione datur
. kl. octobris et

Et dicitur a(n)ti(quis) capacitas q(uia) sol(et) volu(n)t(at)e omnes cursus
absolute adaequare et dicitur q(uia) q(uo)d ante diu
significat(ur) p(er) diversos actus et diversas distinctiones
naturales capacitatem q(uae) sol(et) absolute potentias volunt(ati)s
modis diversis et (secundu)m illum tractatum antiqui
in aequinoctiis fiunt in aliis vero p(ro)p(ter) regim(en)
eum intermedium vel dierum decimatum dier(um)
vel alia noiat(ur) ab aliis vel aliis diebus et alia
anomala p(ro)p(ter) m(...) in dies mens(es) d(icuntu)r anoie
et atalis q(uia) (...) q(uia) i(n) die solebat
in trahebat admi(ni)strationem ... et cetera festum
solemne q(uo)d vocabat(ur) neomenia i(d est) nova
luna q(uia) tunc luna videbat(ur) nova Nona
dicunt(ur) q(uia) nundine q(uia) tunc nundine vel ferie
idus i(d est) ... q(uia) tunc divi dabat(ur)
nundine p(ro)cessu(m) ... dicitur (...) p(ro)p(ter)
dierum ... et ... adventum
nona ad negotiandum ... ad
... nundinis dici aut(em)
natural p(ro)p(ter) ... et ... q(uia) p(ro)p(ter) ...
(...) p(ro)p(ter) ... puctum (...) p(ro)p(ter) ...
Momentum (...) p(ro)p(ter) ... (...)
p(ro)p(ter) ... Comica fiunt p(ro)p(ter) momenti
atth(...) (...) p(ro)p(ter) ... Dicitur aut(em)
d(icitu)r adijan ... q(uia) ... claud(...) ... q(uia)
... (...) ... ad
a(...) diffusi ... ... (...) et

Et n(ota) q(uod) ff xix an(n)i et bisextil(es) sunt p(er) 30x
annos continue nec(essario) d(omi)ni festinac(ionem) intra loc(um)
dierum suo(rum) sunt annua d(omi)ni cu(m) intoll(erabilis)
annis xix q(ui) bisextili continue ex diebus
bisextilibus collecti qui dicti et nunq(uam)
p(er) 30x annos sic ex diebus qui t(em)p(o)re
p(ro)ficit m(en)ses duos s(ed) 30 dies et cinq(ue)
21 dies ... 30 m(en)ses s(ed) ... d(omi)ni
... s(ed) x ... ordine ... medio
primo duplicato nu(mer)um ... s(ed) 30x ...
... festa nec(essario) ... sunt q(ui) festa ...
Ad inveniendu(m) etate(m) lune omni t(em)p(or)e anni ... 14
novilunio et appare(n)t(ia) ... lune ... 24
... fuit radices p(ri)ma q(uod) 14 2a 24 3a 34
... annos d(omi)ni ... fuit ...
...
... incipit et ... ecclesia ...
... alia ... d(omi)ni ...
... radix ... d(omi)ni q(uod) 14 ...
radix q(uod) 24 ... radix q(uod) 34
Ad istam radice(m) adde ... annos d(omi)ni ...
... 30 et 29 ...
... a(n)ni ... adde ...

19 a(n)ni ... ... adde ... adde
...
... 30 ... 29 ... 10 et ...
... novilunium ... dies ...
... dies ... lune ... novilun(ium) ...
... novilun(ium) ...
... 29 Et ... fuit
novilunium ...
... fuit ...
... 16 ...
...
... radix ...

¶ Septentrionalia · 41 · 14 ·

Latitudo · m̄	Longitudo
Wienna · 41 · 44	· 55 · 0 ·
Pisine · 48 · 50 ·	· 41 · 45 ·
Ureſe · 49 · 4 ·	· 44 · 30 ·
Spira · 49 · 24 ·	· 44 · 40 ·
Wormis · 49 · 40 ·	· 44 · 40 ·
Maguncia · 49 · 56 ·	· 44 · 40 ·
Reda · 49 · 33 ·	· 49 · 40 ·
Herbipol · 50 · 6 ·	· 46 · 2 ·
Medium civitatis · 48 · 40 ·	
Frankfurd · 49 · 34 ·	· 44 · 50 ·
Confluencia · 50 · 3 ·	· 44 · 30 ·
Colonia · 50 · 20 ·	· 44 · 0 ·
Leodium · 50 · 4 ·	· 41 · 50 ·
Erford · 50 · 50 ·	· 44 · 30 ·
Finis civitatis · 50 · 30 ·	

¶ Et sic patet longitudines civitatum secundum [illegible] quam de [illegible] Item nota quod latitudo [illegible] id est distantia poli super zenith regionis [illegible] addiuntur [illegible] meridiani. Sed longitudo est distantia zenith [illegible] ad occidentem [illegible] versus 16 miliaria [illegible] de spere sibi correspondentes [illegible] minuta cuiuslibet hore [illegible] hora in 60 minuta [illegible] circulus [illegible] super zodiacum immobili [illegible] currunt 1000 miliaria [illegible] de spere sibi correspondet [illegible] due hore [illegible] equalibus [illegible] latitudo [illegible] maior [illegible] minus [illegible] latitudo alia [illegible] regionis distantia ab alia

[illegible] maior [illegible] iam alia regio [illegible] distantia [illegible] 16 miliaria [illegible] minuta [illegible] maior [illegible] distantia [illegible] 16 miliaria [illegible] regiones [illegible] Etiam [illegible] facile [illegible] regionum [illegible] tabulam [illegible] loca [illegible] in tabula [illegible] ad meridianum [illegible] Herbipol [illegible] tabula [illegible] minuta [illegible] in [illegible] minuta [illegible] in loco [illegible] Herbipol [illegible] tabula [illegible] [illegible] [illegible] 16 miliaria [illegible] meridionalium [illegible] septentrionalium [illegible] ibi [illegible] tabula [illegible] poli ibi [illegible]

Dixit hermanus propheta Nos medici sapientes
in prenosticis tamen in istis que visu percipiuntur ut sit
in eo quod ab exterioribus signis et motibus aliorum membrorum
non agnoscatur ipse. Cum ysaac latius pertractavit urinarum
signa colorum et qualitatum etc. Sed in duabus partibus etc.
[illegible] viri peritus in prophetia que colores urinarum per-
spicacius intelligitur et ipse membrorum et signa que tacta
in urina apparente videntur. Unde viginti colores possunt
distingui urine [illegible] scilicet albus color [illegible] media
omnium colorum niger lividus pallidus subpallidus rufus
subrufus rubicundus subrubicundus lacteus flavus la-
ropos [illegible] viridis citrinus et subcitrinus. Urina
[illegible] vel urina indicat [illegible] visione atque [illegible]
tudine dolentis prenosticat. Capitis [illegible]
[illegible] facies. [illegible] color [illegible] rubi-
bicundus et sit capitis dolor in parte anteriori [illegible]
calefactione facti et [illegible] tenuis et pauca [illegible] quantitas
et sit doloris augmentum [illegible] in loco
[illegible] esse [illegible] et moritur. Si in parte [illegible]
[illegible] dicas ipsum [illegible] ad salutem et quod [illegible]
qualitas. Si autem [illegible] ad [illegible] facies sit [illegible]
[illegible] et urina [illegible] tenuis in [illegible] et [illegible]
quantitate et [illegible] in [illegible] [illegible] [illegible] [illegible]
[illegible] dolor et [illegible] capitis. Sed [illegible]
urina [illegible] tenuis citrini coloris et pauca quantitate
et dolor [illegible] [illegible] [illegible]
et [illegible] flecma [illegible] [illegible] [illegible] et [illegible] [illegible]
[illegible] [illegible] quod urina [illegible] [illegible] et [illegible]
et dicta urina sit ampullosa etc.

[illegible] facie [illegible] urina [illegible]
[illegible] coloris et [illegible] [illegible] et [illegible] [illegible]
[illegible] dolor. Et [illegible] [illegible] [illegible]
febris [illegible] [illegible] quod urina [illegible] rubicundi coloris

et in ista ipsa felicitate rexit Apollo pat-
tibus invitem tiryntio gentilem et nepthar magna
et profunda etc.
Item leo horoscopus si fuerit hora martis urina aut
urina erit tincta colore rubeo et valde subtil
et multum calida ignea in circulo et radiosa substantia
et fit in umbilico calefactio maxime post ... cor
urina accidit febris cottidiana et continua solem
Item virgine ascendente sit ipsa horoscopo erit dic
quod urina non crassa sed mediocris in sui substantia et
quantitate pauca et tunc color albus non tincta et
patiens continuale ipse restitutione multiplicem et quod pe
con digestionem et patitur opilationem epatis et splenis
Item quod spuma urina sed continetur nec suos sedimine et
sedimine sit arenosum albus arenis et quod sit continuata
nata continuo coitu et quod patiens plenilunius
qualescit Item libra est abortis oalignis cum
vertiginis capitis et cum difficultate recipis futuram etc.
Item cum libra facit horoscopum urine continuo ipsa
facie cum signis non crassa urina dicit quod sed co-
loris subrubei substantia tenuis circuli subtil unde continua
area et quod sedimine sit rubeum et albus capitalis
in vesica Item quod quantitas mediocris et dolor renum re-
nes ... et in pede dicitur passionis et in multum
defectus corpore patiente etc.
Item cum scorpio tenuit horoscopum et mars occupa-
vit locum dicit quod urina est livida nam sua regio
et quod mathematici in constituta. Unde vale consuppit
et quod inspicata durat laterum mathematica pa-
cientium phisicum et ethica ... ad nois et admote
fortunat capacitatem Item dicit quod urina est radiosa et
vinosa et corrupta per omnis in infecta semine codi

et plus masculinus inficiat urina et ponderosi-
tate et resolutionem quamlibet nativitatis insuffi-
cientius urina suspecte est

Item cum sagittarius tenuit horoscopum et in spiritu
corpus fuit in aqua facie signi tunc urina
tiana alta et plena et contenta fuit laudabilis et non
dolor z in locis [illegible] et [illegible] inficit locum inferiorem

Item cum capricornus tenuit horoscopum spacio illud
corpus [illegible] indicat urina colera [illegible] et humor
esse melancolicum et indicat cum [illegible]
in [illegible] et quod natus sit inflatus et quod urina
z coloris [illegible] et spissa z tenuis multa confusio
et quod vermoides nativitatis [illegible] cum [illegible] et quod
[illegible] eius obumbrat tenacitas spumosa et quod
circuli z ampullosi eius tamen plures [illegible] si fuit
ibidem super dicitur cum periculo etiam et cum corporis
[illegible] ultima pacie est

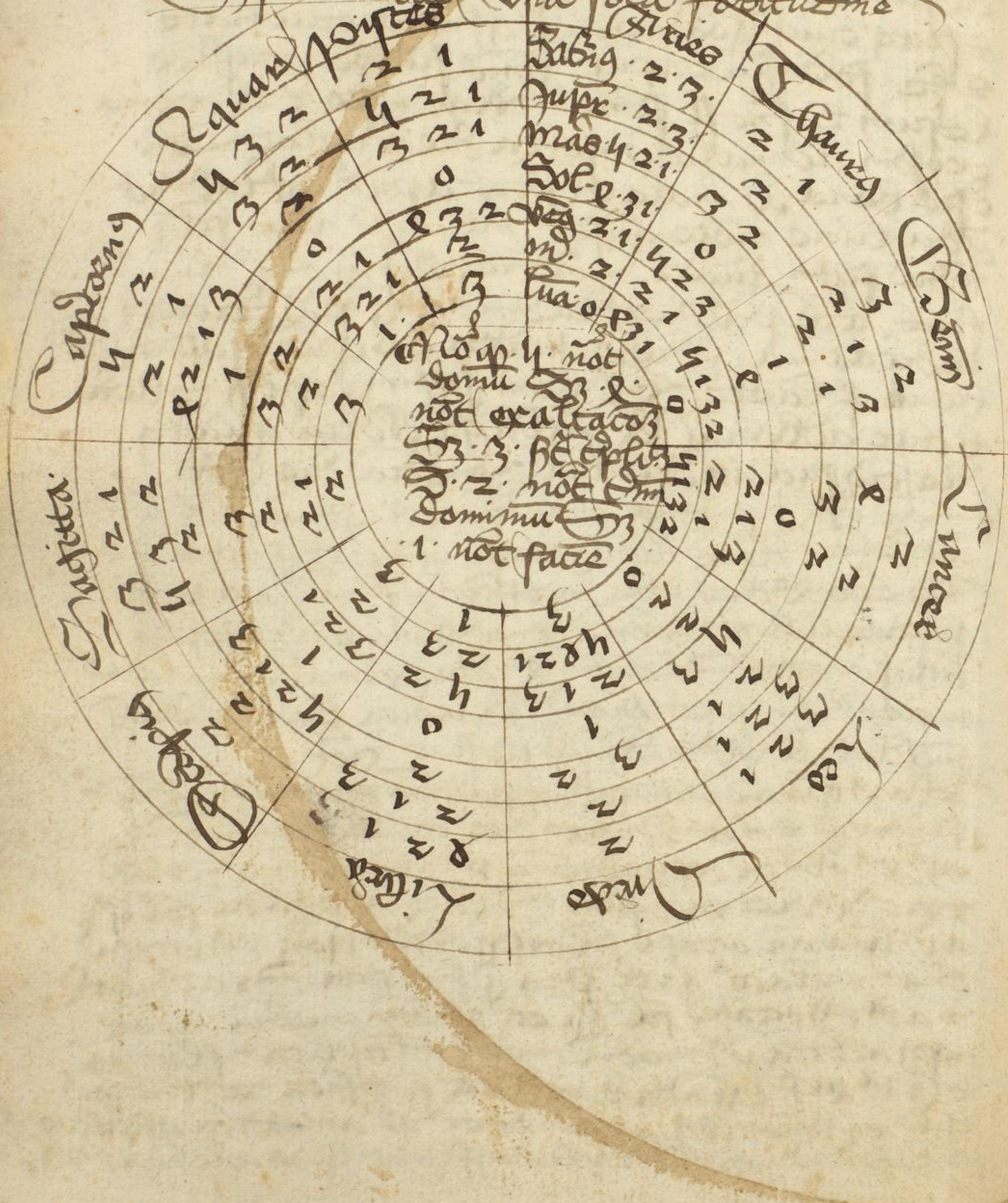
Item cum aquarius [illegible] in horoscopo urina et
indicat esse alta multum spissa et contenta
[illegible] frigida z [illegible] spacia
et quod tenax z ampullaris multis et quod circulus
[illegible] dolor [illegible] urina
sicut oleum infecta est

Item cum pisces tenet horoscopum et urina tunc
indicat placuit deo [illegible] per faciem
[illegible] dicitur urina [illegible] coloris et spissa
tenuis et colore lacteo multa [illegible] dicitur
podagra accipit [illegible] et [illegible] est frigida
[illegible] et [illegible] et contenta
fuit squamosa resolutionem et vermoides plurime
[illegible] circa urine et nativitatis [illegible] infusio
resolutionem est

Quinquagesima tabula dicit omnes quod fit coagulatio [illegible]
urina que fusa fuerit tabula dicitur colo-
ris rubei et cum fuerit in se spissa et grossitas in maiori
corpore hec urina testatur maiorem copiam causonidem
vel causonem et intensum calorem in epate
et sinocham et putridam febrem sanguinis. Et si fuerit
ad modum quod lapis fit inveniuntur resolutis et
si tali fit [illegible] dicit sanguinis [illegible]
tabula cuius dicta [illegible] et colore urine fuerit
remisse et rubei scrutabundus multa [illegible]
et spissa mediocris et fit indigestio et etiam di-
gestionis que in epate et febris quartana est ca-
lefactus epatis in [illegible] et hec [illegible] ad modum
in [illegible] ampullosa et mediocris [illegible]
tabula [illegible] et urina et effusa
tenuis alba et di [illegible] capitis dolo-
ris et similem oblivionem et [illegible]
tudine ad malum si [illegible] in [illegible]
tabula et lucide ligni lunaris [illegible]
in locum [illegible] et fit lesio [illegible]
[illegible] ruptura [illegible]
[illegible] et [illegible] natura [illegible]
lunatica [illegible] tabula [illegible] urine fusio
[illegible] [illegible] [illegible]
[illegible] in urina et tabula melancolica
digestionis et testatur [illegible] [illegible]
[illegible] quod difficile est digestionis
tabula [illegible] et urina [illegible]
alba lacta [illegible] mediocris [illegible]
[illegible] [illegible] digestionis [illegible]

tunc sedmae alium nepthalem alium est tile
q inicat cardiacam passionem tunc est tum
e citto crisis erunt inutto que sicos pungit
ad salute Septia hora q inicit calidus
e sicca cuius hora reuma effudit caumate
esse. foliss capud tunc suare percussios
loquum et frigi sont deg iniusto et ex reuma
crisim ad malum in septa die reuelat Con
cepio bona et mala acceptat aprehendo consuetudinis
produ lune nato crisis inuenit luna scilicet
produ sicut quanti maduie adisim modo luna
fuit. ea prima consuetudinis secundum pro ericacio
indicatiua et dicas quarta eo et eius appropinquit
bone placte vel bon signi et ceptis tollea
licitur ad bonum et in illius certa quarta
dies eius sua indicatiua undecima die etc
Non ob (3) quotra matie nobi generali sed hos
complexiones dicas tertia dies una fit tunc quotra et
Si ergo decima dies ad se incepit inferni acute vel
paracute indicat reuma et vis bona tunc die septia
liberabitur et sic Si aut decima die reuma et malam
moietur an septima dicemus et indica quam multi dies
infirmabit decima die et secundum fiat etc
Hora 3a hora an ortum sol respectiua post ortum sol donat
sanguis vid et vocatur prima pars diei calida et humida Et
a 3a post ortum sol respectiua ad nonam post ortum sol donat colera
et hec 2a pars diei ca et sicca Et a nona post ortum sol usque
ad alia an occasum sol respectiua ad 3am horam post occasum
donat melancolia et et frigida et sicca Et a 3a noctis
i. a 3a post occasum sol usque ad 3a an medium noctis
respectiua ad 3a post medium noctis multiplicatur flegma
et 3 ia est frigida humida et sic certificatur consuetudinem
tibi est huiusmodi quaternitas quod a medico consideretur et
sua fient colera plus affligit hoc colere et sic.

Et influencia eius planete vel fortificatur quando mediocriter quando fortitudines planetarum scilicet domus exaltatio et
cum planeta in domo sua fuerit vel in medio suo minor
in exaltacione fuerit quando vel conatur in eius summo
Inter planetas fuerit vel in ... auxiliatores
in medio fuerit vel inter ... suos ...
Et facies dant unam solam fortitudinem



Ad locum solis equandum

- primo medium motum solis ad tempus propositum et
- 2o argumentum solis ad tempus propositum [illegible] augem solis a medio motu eius ad [illegible] cum [illegible] in tabula [illegible] equationem solis [illegible] cum [illegible] [illegible] in [illegible] [illegible] dicta [illegible] solis equatio
  - [illegible] maior 6 signis tunc ipsam adde ad medium motum eius
  - [illegible] minor tunc equationem [illegible] a medio motu [illegible] [illegible] solis et

Ad locum lune equandum

- primo medium motum [illegible] argumentum [illegible] propositum
- 2o medium argumentum ad tempus propositum [illegible] [illegible] equationem
  - [illegible] argumentum [illegible] maior [illegible] adde ad medium motum lune [illegible]
  - [illegible] argumentum minus [illegible] [illegible] medio motu lune et [illegible] et
  - [illegible] [illegible] maior 6 signis [illegible] [illegible] medio [illegible] [illegible] argumentum
- 3o centrum lune ad tempus propositum [illegible] [illegible]
  - [illegible] [illegible] minus [illegible] [illegible] [illegible] argumentum et

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Ad inuenta quantitate solis et lune infra 12 gradus cum capite
vel cauda draconis / adde latitudini lune visuali super perpendiculari
quantitatem semidiametri 20 minuta / et si totum numerus fuerit 60 erit
omnino solis eclipsis. Si vero totum numerus minor 60 erit
subtrahe ipsum a 60 / et quod residuum fuerit conuerte 30 / et quanta
pars erit eius tot puncta digiti solis erit lucida cetera obscurata /
Si vero numerus totius excesserit 90 non erit eclipsis / Si vero
minus 90 et plus 60 erit particularis eclipsis / et tunc subtrahe
60 a toto et residuum conuerte 30 et quotiens erit eius 30
tot puncta digiti solis erit lucida cetera obscurata / Si
eum digitos solis 30 puncta / Si igitur latitudo lune excesserit
omnem quantitatem et 30 minuta non erit eclipsis solis / Si autem latitudo minus
vel maius semidiametro erit / Ad sciendum an latitudo minus
plus vel minus 180 erit eclipsis apparens
Si plus 180 vel minus 360 erit medietas
Ad aureum numerum cicli 19 / et multiplica cum 29 [illegible]
mio adde omnes dies a ianuario [illegible] ad lune [illegible]
[illegible] et totum diuide per 60 et quod superest erit puncta
quibus [illegible] hora lune [illegible] solarem
Ad sciendum horam lune [illegible]
cicli lunaris [illegible] aurei numeri [illegible] anni
et colligere addendo omnes [illegible] dies [illegible]
ianuarii [illegible] indie [illegible] et [illegible]
diuide [illegible] horam lunam [illegible]
[illegible] in toto puncto [illegible] superfuerit [illegible]
[illegible] diuisione [illegible] anni [illegible] excessit
60 [illegible] 60 [illegible] residuum [illegible] si non [illegible]
fuerit [illegible] in [illegible] horam [illegible]
die puncto [illegible] linea [illegible] ante meridiem et
Ad sciendum solis vel alterius stelle [illegible]
[illegible] die [illegible] latere [illegible]
[illegible] cum [illegible] fuerit [illegible]
[illegible] solis [illegible] die [illegible] hora [illegible]
[illegible] in una hora et [illegible] minuto [illegible] habitis
[illegible] motum [illegible] indirecto dici [illegible] motum
solis in hora [illegible] plus vel minus [illegible] 30 [illegible]
[illegible] in [illegible] hora [illegible] et [illegible] minuto et

Et ad sciendum quot horis lucebit luna de nocte secundum
etatem lune et illa multiplica per quatuor et divide per decem
et quod surgit de illis tot horis lucebit apud
nos [illegible] puncta erit una hora [illegible]
[illegible] etatem lune [illegible] in oppositione
lunis 12 horis [illegible] tota nocte [illegible] fuit
[illegible] [illegible] [illegible] in medietate [illegible]
[illegible] solis [illegible] die [illegible] nocte [illegible]
etatem [illegible] dicas [illegible] et residuum
multiplica per quatuor et quotiens [illegible] [illegible] toto
quod surgit ex multiplicatione tot horas deficit
lucere apud nos [illegible] a [illegible] lune
[illegible] lucet apud nos [illegible]
deficit lucere apud nos [illegible] [illegible] et
[illegible] puncta [illegible] ista
[illegible] duas horas [illegible] puncta constituunt
unam horam et [illegible] [illegible]
ita quod in die [illegible] luna [illegible] quatuor
puncta [illegible] [illegible]
[illegible] sol [illegible] die et
[illegible] eclipsis solis [illegible]
[illegible] die [illegible] lune in oppositione [illegible]
[illegible] solis et lune et [illegible]
[illegible] capitis [illegible] cauda [illegible]
[illegible] caput et caudam draconis
[illegible] loca solis et lune [illegible] minor
[illegible] et [illegible] minor tanto erit
[illegible] eclipsis [illegible] distantia [illegible] i.
[illegible] capiti et caude tanto sol
[illegible] eclipsatur [illegible]
de capite et cauda maxima erit eclipsis [illegible]
[illegible] sol eclipsatur [illegible] lune
[illegible] a capite et cauda [illegible]
infra [illegible] eclipsis [illegible] infra [illegible]
[illegible] et [illegible] luna in oppositione [illegible]
[illegible] sol [illegible] luna distat a cauda vel capite [illegible]
[illegible] lune eclipsis [illegible]
[illegible] sol distat a capite [illegible] luna
a cauda [illegible] [illegible] deo gratias

¶ Con annis iubileis 16 cum epactis &c

¶ Item ad inveniendas epactas adde annis domini duos annos et totum divide per decem et novem et quod remanserit erunt epacte 19 annorum. Con epacta dicitur
i. etas lune — adiectio quia [illegible] sive cancellatio in excessu anni solaris super lunare. Con epacta [illegible] numerus in variatis annis adiciendus quota sit luna in [illegible] dant coniunctionem mensis etc. 3 annus epactarum 8 et 11 et 18 et 18 et 19 omnis

¶ Item sol dominatur hora prima dominica die, hora sua secunda venerem et mercurius [illegible] 2a, luna regnum hora prima in 2a feria &c

Sol luna mars mercurius iuppiter venus saturnus &c
Et ista patent inter omnes dies dominice noctis
3 secundum astronomos incipiant in meridie &c

Dies	Dominica	Sol	hora prima dominice	hora prima noctis	Mercurius	Dominica
	2a	luna			iuppiter	2a
	3a	mars			venus	3a
	4a	mercurius			saturnus	4a
	5a	iuppiter			sol	5a
	6a	venus			luna	6a
	Sabbato	saturnus			mars	Sabbato Dies

¶ Et ideo omnium planetarum 3 cum [illegible] secundum horas inequales [illegible] sunt duodecim [illegible] a noctis duodecim per longum a diei sunt nox. Con sol regnat prima hora dominice diei [illegible] sol et venus 2a hora mercurius 3a etc. [illegible] secundum ordinem planetarum in [illegible] luna [illegible] incipiunt [illegible] prima hora [illegible] noctis regnat mercurius 2a [illegible] luna &c

¶ Secundum alphonsum et albumasar ab initio mundi sunt anni 4328 dies 16 hore 8 minuta 30. Alii [illegible] 4305 dies 318 [illegible] 4198 usque ad annum christi inclusive [illegible] martii sol [illegible] die martii [illegible] &c

¶ Ad inveniendum indictionem omni anno

¶ Si per quindenos domini diviseris annos
His tribus adiunctis indictio vera vocatur

Et nota quod aliud volunt quod si vis scire indictionem tuam adde annis domini tria et tunc divide per quindenos et quod remanet est indictio tui anni. Si vero nihil superfuit tunc erit indictio [illegible] illud [illegible] in [illegible]

¶ Pauleo [illegible] omni anno

¶ Et nota [illegible] domini annos [illegible] [illegible] [illegible] [illegible] in [illegible] manu quo [illegible] [illegible] [illegible] [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] anno [illegible] [illegible] [illegible] [illegible] [illegible]

¶ Ad inveniendum literam dominicalem

¶ Scelerat aurum [illegible] facit [illegible] [illegible] [illegible]
Et nota [illegible] annos domini [illegible] [illegible] in [illegible] cum annis domini [illegible] [illegible] [illegible] [illegible] prima litera [illegible] litera dominicalis [illegible]

¶ In anno embolismali [illegible]
[illegible] [illegible] [illegible]

¶ [illegible] [illegible]
[illegible] [illegible] [illegible]

Et [illegible] litera [illegible] [illegible] [illegible] anno embolismali [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] embolismalis [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] litera [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] litera [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] embolismalis [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] anno embolismali [illegible] [illegible] [illegible] aliud [illegible]

De anno bisextili

Et qui anni domini per quatuor dividi possunt [illegible] anno bisextili. Si autem [illegible] per bisextilem. Et bisextus [illegible] quia [illegible] mensis [illegible] scilicet [illegible] dies.

Bis sextum sexte martis tenuere kalende
posteriori die celebratur festum mathie

De intervallo nota sequentia

Et incipe [illegible] computando [illegible] digitalis [illegible] quo [illegible] septuagesima [illegible] intervallum [illegible] [illegible] septuagesima [illegible] anno bisextili [illegible] valet solum [illegible]

[illegible] fit [illegible] bisextilis [illegible]
[illegible] [illegible] [illegible] excellit adulter
[illegible] [illegible]

In [illegible] dictum [illegible] metrum

[illegible] [illegible]

[illegible] [illegible] [illegible] valet

[illegible] applicat [illegible] abbreviavit
Principio [illegible]
Imperat [illegible] maledictum
[illegible] criandum

Et si vis scire durationem diei et noctis in diversis climatibus
scito quod si punctus orizontis in poli elevatur 30 gradibus
et dimidii et sol cum polo in medio circuli tunc tale erit dies
24 horarum pro nocte. Si vero 10 gradibus punctus cum
et dimidii elevatur in zodiaco signum geminorum et cancri
tale dies continua pro nocte duorum mensium. Si vero
punctus cum 18 gradibus et dimidii elevatur et signa
tale dies pro nocte sex mensium. Si 90 gradibus
sex mensium erit dies pro nocte et sex mensium
nox pro dia etc.

Et si volueris scire ascensiones et initia duodecim domorum
omnibus . . . sic facias . . . et ascensiones ad gradus
cuius ascendens . . . gradus adde ascensionem
gradus . . . in sphaera obliqua et gradus ascensionis . . .
. . . ascensio et . . . initium . . . quadra
alterius gradus . . . si potest si non adde 360
et . . . gradus . . . ascensionis . . .
in sphaera recta . . . gradus medii celi initium
10e domus . . . dupla . . . horas . . . gradus ascensionis
et duplicata . . . adde ascensiones gradus medii celi
in sphaera recta et gradus . . . ascensionis in sphaera recta
. . . initium 11e domus . . . adde dupla
horas ascensionis . . . et horas initium 12e domus
cuius gradus 12e ascensionis si addideris sphaera recta horam
ascensionis duplicata . . . horas . . . duplicatas
. . . horas . . . et . . . ascensionum ascensionis
in sphaera recta et horas initium 2e domus . . .
adde . . . horas . . . et
horas . . . initium 3e domus Nadir 10e . . . initium
4e Nadir . . . initium . . . Nadir 12e
. . . initium 6e initium 5e . . . nadir . . . initium . . .
. . . nadir 2e . . . initium . . . nadir 3e domus

Et si vis scire in quo signo sit saturnus tu anos ab inicio mundi
per 30 divide et quod remanserit et quod residuum fuit a capite
como incipe a signo distribuendo dado vnicuique
signo dicto 200 anos et dimidium cui at signo
remanserit intra signo saturnus est
Et jupiter divide anos ab inicio mundi per 12 et quod
restat signo divide dado vnicuique signo vno anno a capite
incipiendo et quod remanserit in signo sera el
Et mars divide septenarios anos por medio
dimidium et quod supra de libra signo dado vnicuique
60 dias a capite incipiendo et quod remanserit in signo mars
Et venus divide anos por 8 et ... divide
per 300 dias et quod remanserit ... anos divide por libra
dado vnicuique signo 25 dias a capite incipiendo et quod
remanserit in signo venus est
Et mercurius semper ... signo solis vna mas o
vna menos ...
Et luna divide anos ab inicio mundi per ... et
... residuum signo de libra a capite incipiendo dado
vnicuique vno anno et dimidium a capite incipiendo
los cuales et ... et quod remanserit in signo luna est
cada signo ...
horas anos ab inicio mundi ...
... duos ... vno ... el
... dias ... ducat
... anos ... cat el
Et saturnus ... duos anos ... dias
et ... horas i dimidium anno el
Jupiter ... vno anno ... el
Mars 60 dias et 21 horas el
Sol por dias 10 horas et ... el
Venus 29 dias et ... horas el
Mercurius 28 dias et 1 hora el
Luna duos dias et 1 hora ac ... horas el

Et si nos scire ad[...] ta[...] a[...]lab[...] sta
[...] q[ue] sunt almi[n]t[ar]at[...] d[e] linea media circulo
equinoctiali [...] adzenith [...] abaste [...] circu
[...] ad [...] e [...] qu[...] dalmi[n]t[ar]at[...]
tota [...] ad[...] sta [...] aiet[...]
[...] q[ue] sunt a[...] circulo [...] almi[n]t[ar]at[...]
almi[n]t[ar]at[...]

Et si nos scire [...] sol [...] die capo altitudine sol
[...] die [...] nota dalmi[n]t[ar]at[...] d[e] meridiana
linea [...] circuli [...] sunt sol [...]
[...] nota altitud[...] d[e] linea meridi[...]
[...]

Et [...] ascendente [...] aliis [...]
[...] sub volvella [...] ascendenti
[...] limbi [...] e admi[...] ad puctu
meridianu [...] in [...] a[...] ascendens
[...] domum [...] a[...] d[e] medio [...] domos
[...] ma [...] ascen[...] [...] domum
[...] e [...] etia[m] [...] etia[m]
[...] in [...] domus [...] medii
coeli [...] limbi [...] ascendentis [...]
[...] aliqu[...] domos
[...] Radix [...] aliarum
[...] domorum [...]

Et si nos scire [...] sup[er]ficie [...]
[...] limbi [...] mediocre
[...] 60 [...] 6 [...] 90 [...]
oppositi [...] 180 [...]
[...] eius [...] sunt [...]
applica[...] [...]
[...] ptolomea [...]
[...] domorum [...]
[...] fuit [...] Neapoli
[...] dom[...]
[...]

¶ Sol et luna coniuncti

¶ Saluata dies ad agenda negocia est
Et primis ducibus pedibus pietas gaudere
Res mea facit decus petenda patenti
Et feriri lapides ... inchoata ducatum
Nemat lunatum ... zuca doma
Saluata dies est ut prius
Trig Seu copulis copulasse ...
Si in amans ... ... stellue colada
Saluata dies est
Sex Si luna fuerit frater receptacio
Et si non fuerit ... vel domo ...
Impediatur ... efficit dies i.ª
Tractina iudicio dies ... volo
Inimicosa dies ... effinxerda
Spino Quibus in radijs frater ... pro
Non bene ducibus non ... loquere
Non placitatis non ... adequet
Neque non ... non ... difficiles
Apposita radijs ... luna
Opp Nil facinora quomodo nulla ...
¶ ... et luna ...
Stadias feliciter ... feliciter ipsa
Si locus ... cum alio loco
Tract inuenit ... ...
Trig Sta dies feliciter ... ... nupta
Iacopo ... ... amor
Saluata dies amans ... ...
Sex Balnea efficiet ... valet
Nec capta ... ... ducere illa
Saluata dies ... ...
Quinc Hac petere ... amans ... ...
Hac ... feliciter faciet iter

et Saluata dies ... ...
... mediciones
Si fuerit ... ...
Opp ¶ ... et luna ...
Saluata dies ... dispone
formas Tacaps ...
... loca ...
Apta dies ... et
... ... Saluat
pactum copulis ... loca
... motus trac
... bonum
Hac ... ...
... ... pilas
Hac ... dies
... ... sapienti Sex
Consilijs ... ...
... ...
Apta die ... nouus
in incipias ... ...
... ...
Saluata dies ad ...
... ... Hac Quinc
petere ... amans et
... lib incipiendus
Si sit ... et
loco ...
Hac ... die ...
... loca nec ... dies
... mitte ... Opp
... ...
die ... loca ...

Saturnus cum luna [illegible]

2 Stabilia dicas quibus mea spectant
Non vanus [illegible] contra lunam collata
Immutata domus hac est respicienda hac
Hac bachi citus facile putas deos
Hec capta dicas [illegible] disponere platas
[illegible] matias mea studia cuncta
[illegible] mea complevisse [illegible]
Hec metuenda hec cum [illegible]
Hac cum [illegible] loca [illegible] cum [illegible]
Querit [illegible] in luna [illegible]
Vincula dicas [illegible] letalis [illegible]
Hac [illegible] nil [illegible]
Vincula dicas [illegible]
Nil [illegible] prospitat [illegible]

Jovis cum luna [illegible]

2 Stabilia dicas [illegible] indicat [illegible]
Hac [illegible] facias [illegible]
Hac [illegible] iudicium [illegible]
Stabilia dicas ad iudicium [illegible]
Hac [illegible]
Hac [illegible] sapia [illegible]
Que [illegible]
Hac age [illegible] latet [illegible]
Stabilia dicas ad opus [illegible]
Hac [illegible] omni [illegible]
Hac [illegible] [illegible]
Hac [illegible]

Martis cum luna [illegible]

Capta dicas [illegible] disponere [illegible]
Hac [illegible] et bella [illegible]
Hac [illegible] malis

2 Stabilia dicas [illegible]
[illegible] sapia [illegible]
[illegible] dia
Capta dicas [illegible]
[illegible] disponere [illegible]
[illegible] bella
[illegible]
[illegible] timor
[illegible] dicas [illegible]
Non [illegible]
[illegible]
[illegible] spectas [illegible]
mea [illegible]
[illegible] mea [illegible]
[illegible] metuenda dicas
[illegible] dua
Non [illegible]
[illegible] mea
Non mea [illegible]
[illegible]
Vincula dicas
letalis [illegible]
[illegible] timor
[illegible] labor dicas
Non [illegible] facias
[illegible] apud
Non placitas
[illegible]
[illegible]

Hec que vero locum plete inferioris diligenter
et utrum inferioris vel inferioris parte differunt quod quia
[illegible] et [illegible] epicicli [illegible] vel [illegible]
et duarum partium vel [illegible] radiis solis
[illegible] motu matutino et vespertino etc.
[illegible] quotiens [illegible] inquit etc.
In quadrata autumpnali si fuerit directus plete [illegible]
[illegible] parte huius est [illegible] capcionem [illegible]
[illegible] si [illegible] fuerit plete [illegible]
di duo [illegible] erit maior [illegible] etc.
[illegible] si [illegible] maior [illegible] est [illegible] plus
[illegible] in [illegible] vernali ad [illegible]
[illegible] et [illegible] maior
[illegible] fuit ad [illegible] si fuerit [illegible]
de autumpnali [illegible] que dixi [illegible] etc.
[illegible] autumpni [illegible]
huius que efficiet [illegible] si plete fuit
[illegible] xix autumpnali
est [illegible] yemali tempore [illegible]
[illegible] anno [illegible] autumpno fuit [illegible]
[illegible] ideo [illegible]
[illegible] fuit huius [illegible]
[illegible] etc.
[illegible] etc.

[illegible] metrum [illegible] digitorum [illegible]
[illegible] numerum anni [illegible] vel [illegible]
[illegible] numerum [illegible] prime [illegible]
[illegible] advenerit [illegible] sic [illegible]
[illegible] Job [illegible] etc.

[illegible]
[illegible] gladius [illegible]
[illegible]
[illegible] anno [illegible]
[illegible] littera in alphabeto [illegible]
[illegible] anni [illegible] advenerit si [illegible] etc.

p Chilindro

	pta	m	p	m	p	m	p	m	p	m	p	m	p	m	p	m
Canc.	24	43	22	8	17	10	12	39	9	3	6	11	3	49	1	49
Gem.	24	0	21	40	16	54	12	15	8	56	6	4	3	40	1	40
	21	29	15	33	15	32	11	35	8	18	5	35	3	16	1	16
Leo	18	30	17	10	13	54	10	30	7	30	4	50	2	40	0	40
Thau.	15	24	44 (struck)	21 (corr.)	11	43 (corr.)	49	4	6	24	4	0	1	51	0	0
Vir.	12	40	11	50	10	0	7	40	5	20	3	4	0	56		
Aries	10	16	9	41	8	11	6	13	4	8	2	9				
Lib.	8	15	7	44	6	34	4	50	3	0	1	4				
Pisces	6	39	6	17	5	15	3	45	2	0	0	10				
Scor.	5	15	5	0	4	6	3	0	1	10						
Aqu.	4	30	4	8	3	18	2	3	0	30						
Sagi.	3	58	3	32	2	44	1	5	0	0						
Cap.	3	41	3	15	2	29	1	15								

de hore 12 11 10 9 8 7 6 5

4 thad
p m
0 4
~~Tang~~ umbra
[illegible]orum

Item artificiat thadas mediis apellatis sed sicut martias,
per i dia [illegible] et i a [illegible], sed apto [illegible] arta
sed [illegible] adrectum divide in xij partes quos [illegible] et
[illegible] sol venit ad i [illegible] mallicoda [illegible] thadas
[illegible] ad sol et p[illegible] sol retorna [illegible] [illegible]

Ista tabula declarat que pūc corrūdet g°d dig || Ista tabula ondet qot g°dy corrūdet puct° umb° || vte

G.	aij	pūc
4	47	1
9	20	2
14	0	3
~~18~~	~~[illegible]~~	~~[illegible]~~
18	30	4
22	49	5
26	36	6
30	15	7
33	37	8
36	56	9
39	57	10
42	36	11
45	0	12
47	15	13
49	24	14
51	20	15
53	6	16
54	48	17
56	20	18
57	42	19
59	2	20
60	13	21
61	20	22
62	30	23
63	28	24
64	18	25
65	12	26
66	3	27
66	48	28

pt	aij	G.	pūc	aij	G.	pūc	aij	G.
0	13	1	6	7	27	17	8	55
0	25	2	6	23	28	17	47	56
0	38	3	6	39	29	18	29	57
0	50	4	6	56	30	19	12	58
1	3	5	7	13	31	19	58	59
1	16	6	7	30	32	20	47	60
1	28	7	4	48	33	21	49	61
1	41	8	8	6	34	22	33	62
1	54	9	8	24	35	23	33	63
2	7	10	8	45	36	24	36	64
2	20	11	9	3	37	25	44	65
2	33	12	9	22	38	26	57	66
2	48	13	9	43	39	28	16	67
3	0	14	10	4	40			
3	13	15	10	26	41			
3	26	16	10	48	42			
3	40	17	11	11	43			
3	53	18	11	35	44			
4	8	19	12	0	45			
4	22	20	12	26	46			
4	36	21	12	52	47			
4	51	22	13	20	48			
5	6	23	13	48	49			
5	21	24	14	18	50			
5	36	25	14	49	51			
5	51	26	15	21	52			
			15	55	53			
			16	30	54			

Et no ista elevacion
eq̄noctial q̄z eleva
[illegible] paradisu
Arieti. 11. g. 33. m.
Tauro 8. g. 43. m.
Canc 3. g. 16. m.
addantur [illegible] 3 40
Piscium aq̄ua 11. g. 33. m.
Aqrij. 8. g. 43. m.
Capcu 3. g. 16. m.
subtrahantur 28

Et q(ua)n(do) allidada sole lucente cadit sup(er) xij. ro
(tun)c equalis sunt umbre … et sol in umbra versa
cum plana contingit adduo puncta ro (tun)c medium umbre
… ad .x. ro (tun)c dupla ad umbra
Si in umbra versa sol contingit adduo puncta
umbre … equalis … ad .x.
umbre dupla … ad .6. umbre tridupla a…
cu(m) dimidio

Si in umbra versa sola petit sup(er)
finem digiti primi

Primi ro elevata … sua umbra duodecies
Secundi umbre … adec …
Tercij ro … sua basim umbre … ro. 4.
quarti umbre tripla umbre … ro … ro. x.
quinti umbre … ro dimidio umbre
sexti umbre … ro …
Septimi
Octavi umbre … dimidia … i. pars alta
Nonj umbre … ro i. pars tertia
Decimi umbre … ro … quinta parte
Undecimi umbre … ro … undecima parte
Infine duodecimi umbre (tun)c … equalis

In umbra recta in fine

Primi ro … 4. … ad umbra
Secundi ro … 6. umbra ad 4.
Tercij ro … 4. umbre .x.
Quarti ro … x. umbre .3.
Quinti ro … medium umbre .3.
Infine 6ti ro (tun)c dupla ad umbra
… ro (tun)c dupla tria parte minus
… ro … umbra … dimidia
Nonj ro … umbra et 3am partem
Xi ro … umbra … quinta parte
Undecimi ro … umbra et undecima parte
Infine duodecimi ro umbre (tun)c .xx. …

Item aliter potest distingui per hunc modum (?) grecas (?) [illegible] Quia aut quantitas
A. quantitas sua basium 12 circos (?) — basim terminat
B. quantitas basium sua circos — basim terminat 3am
C. quantitas eius (?) [illegible] — basim [illegible] partem
D. [illegible] — quantitas basium et [illegible]
E. basiis et de [illegible] — M. quantitas basium et equilitas (?) basium et
F. basiis et [illegible]
G. [illegible] 1a parte basis quantitas [illegible] — Et

Item si [illegible] magnitudinis quadratas [illegible] et dimidii
circuli [illegible] [illegible] per [illegible] [illegible] fac
punctum [illegible] [illegible] puncto in linea a d. [illegible]
[illegible] quadrat [illegible] [illegible] per [illegible] dimissione et
[illegible] ipsum [illegible] parte [illegible] [illegible]
[illegible] punctorum per [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] puncta [illegible] [illegible] [illegible] [illegible] 12 [illegible]
Item [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] quadrate super [illegible]
altius [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] quadrate [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] quadrate et

It baculo iacob sumi ad altitudi(n)e(m) meli(us) vel p(er)
bacillum ad longitudinem tuum vel por(tionem) palmarum vel
circa platum undique planatum in cuius medio vel
... volis infigas admodum crucis a(d) lignellum quod
dicitur volvella eo quod tenet circa volui(tur) in p(er)dicta
dicta longitudine cum digiti vel circa quod platz eius
volvelle longitudinem explica totiens quotiens in dicta
extremo rimas sunt sapius ita quod et distantias
p(er)explicatio(n)em in dicta impedito baculo in quo
tempore suo stante. volvella firme et firma sit
tua vel certi prima dicta gradus longitudinis ad atque
p(ro)pe baculum cum uno directe stando ad vultum
aliud oculum claudendo et quere gradum terminos
longitudinis ad mediante eo cumulis sunt finitiq(ue)
volvella est fac signum statim. in tercia statuo
tuo pede ... tunc remotius vel propinquius
vero linea recta an vel accedo. item tertio gradu
... in tercia longitudine status tui ... sume
tempore spacium intercepta tuis stationibus quatinus
et ... distitarum p(er) ... totius ad
... sitis si vis quere altitudinem respice
altitudinem ... ad mensurandum totis
cum finitiq(ue) volvelle extra ... quadrando eos
et ... remove volvellam primum spacium in
ad aliam rimam item ... remotius vel propinquius
accede vel ... alios status ... signo
... in totius ... sunt ...
... ad altitudinem quod et in spacium inter duos tuas
stationes intercepti ... ad prima duo ...
... p(ro)fundi ... baculum ... ...

velł quantū

¶ Item habita vna radice de q̄ uis addē super eam g dies 3ª minuta 40 : 2ª 1 . 3ª 3 . 4ª . effectus pars 19 (margin: serpēt)
q̄ uis quintus Si opposicōnis vis h̃re adde ab illud
tpa medie quinte 15 dies 24 minuta dierū
44 2ª 3 . 3ª 44 . 4ª Si vis quadratus h̃re tē
adde super tpa quinte 7 dies 22 minuta dierū
44 2ª 22 3ª 44 4ª et inuenies prima quadrata ipsius
Si autem addis super tpa opposicionis tantum inuenies 2ª
quadrata &c

	dies	horas	m̃	2ª	3ª	4ª
Equacio vna quinte ad aliam	29	12	44	3	2	24
A quinte ad opposicionem	14	18	22	1	31	12
Ad primam quartam a quinte	7	9	11	8	45	36
Ad 2ª quartam a quinte	22	3	33	2	16	46

¶ Item si tamen radices h̃re vis per radices vitas ad meridiem in richebach tunc ad radicem in tabula positas richebach pro ... adde 9 minuta ... pro ... 3 minuta ... adde ... minuta ... 3 minuta ... adde 23 minuta Ita eciam fac de omnibus aliis radicibus aliorum meridianorum

Tabula anni planetarum in diebus quinte &c

⊕	⊕	G	m̃	2ª
1	0	29	6	24
2	1	28	12	48
3	2	27	19	12
4	3	26	25	36
5	4	25	32	0
6	5	24	38	24
7	6	23	44	49
8	7	22	51	13
9	8	21	57	37
10	9	21	14	1
11	10	20	10	26
12	11	19	16	40
13	12	18	23	14

Item si locus distat a richebach ... 100.
... septingentis ... radices ... tē
... richebach ...
2ª ... horarum et ... radices
... minuta 4 horas ... si
locus distat ... tē ad. 100.
minuta radices richebach adde
m̃ . 4 horas ... 4 horas
... in tabula
... componere ...
... in ... omnia horas
... divide in 60 ...
... motu ...
horas ... 4 m̃
... appar... minuta ...
... &c

Dimittitur [illegible] circulorum [illegible] dicte [illegible]
et [illegible] terre Tale intelligere [illegible] stat
unum punctum medie [illegible] Ad maiorem [illegible]
in [illegible] Item dimidio Item dicitur [illegible] stat
[illegible] appellatur Item illi [illegible] magnus
terre [illegible] stationis [illegible] intelligere
circulum [illegible] punctus [illegible] stat
[illegible] et punctum [illegible] et [illegible] terre reddat
[illegible] ad [illegible] et [illegible] Et polis
puncti [illegible] et mediam [illegible] ipse circulus
[illegible] maior [illegible] celi machina
circuli Et [illegible] poli [illegible]
[illegible] Item [illegible] punctum [illegible]
et [illegible] punctum medium [illegible]
[illegible] reddat [illegible] et [illegible]
mediam Et circuli [illegible] mediam [illegible]
[illegible] poli [illegible]
[illegible] punctum [illegible]
[illegible] et [illegible] reddat [illegible]
[illegible] circuli [illegible]
[illegible] Et [illegible] stat
[illegible] circulorum [illegible]
[illegible] poli [illegible]
[illegible] circuli [illegible]
in [illegible] Item [illegible]
reddat [illegible] Et [illegible]
[illegible] circuli [illegible] circuli
[illegible] circuli [illegible]
[illegible] circuli [illegible]

Circulꝰ articꝰ ꝗ distat a polo mūdi p̄
mēsura xx· gradꝰ antarticꝰ distat a mūdi
polo meridianū circulꝰ altitudinis ut ele-
vaciōis ꝗ discripcōes ꝑ ꝯmittit capitis sup̄
ad elevatū cadit sup̄ orizōtē ꝯmittit
ꝗ cadit ꝑ punctū directe supra caput. Eciā
elevacōis circulus altitudinis ꝗ arc
elevata ab orizōte. Ascensiones ꝑporcōe
sūt ascensiōes eqᵗᵒʳⁱˢ sup̄ ꝗ sūt ꝑpe
duplici recto ꝗd in circulo sit. Ascensiones
recte enī dicūt sūt ascensiōes eqᵗᵒʳⁱˢ cū m
eleuatū dicit cū aut ascensiones signorū
intʳ recte ascensiones circuli eqᵗᵒʳⁱˢ a primo
in circulo recto cū 2º in circulo obliquo ꝗd
sit in cū elevacōe signorū. Signa autē
eqᵗᵒʳⁱˢ intʳ ꝗ signa in zodiaco ꝑ eqᵗᵒʳⁱˢ
Ascensiones signorū in medio celi sūt eqᵗᵒʳⁱˢ
circuli ascensiones medij celi i ꝗ
medij in ꝗ tasia circuli recti sūt. Vero
in quo circulꝰ signorū cadit sūt 3 circulos merid
cadit ꝗ capiticōm. Vnde duo aliq tria
eqᵗᵒʳⁱˢ circulꝰ capitis eqᵗᵒʳⁱˢ ꝗ ascensiones
in sp̄a recta. Vnde duo signa ꝗ opa
ꝗ eqᵗᵒʳⁱˢ ascensiones in sp̄a recta. Intel-
ligunt etc. ꝑ ꝗ orizōte zodiaco ꝗ
ꝑ signis in ꝑ medius ꝗ zodiaco ꝗ ꝗ
ꝗ in sectiōe ꝑ ꝗ signa zodiaco

81 183

Stelle assumpte in tabula sunt · 1029 · inter quas
sunt 15 prime 4 nebulose · 2 · tenebrose Coma
et stelle extra formam sunt cum locamus cum situacione
earum et stellarum aliarum Omnes 12 sunt
et figure ... ymagines

Aries — Tharus
Gemini — Cancer
Leo — Virgo
Libra — Scorpius
Sagit — Cap
Aquar — Piscis

Maiores lucis in prima 12 figure sunt · 20
... 12 ... minuta
... 2a 26 sunt ... 1o ...
Aries Cornua arietis habet duas stellas
ita positas Anathat
Oculus Tauri habet 3es stellas ita positas
albucatun
Caput Thauri habet 6 stellas Althoraye
Collum Thauri habet nouem Aldebaraz cor Thauri
Geminorum Caput ... habet 4
Almaisen Geminorum ... lucide magnitudinis *
Cancri ... habet 3 stellas in ...
... Cancri nebulosa habet duas ...
... nube media Anathora
Cancri ... habet 3

Leo / stelle hz. x. ∘∘ ∘∘ Algebhet
Capilli hz. x. ∘ ∘∘∘
Post cauda leonis est stella magnitudinis ∘
Alramech
Post cauda hz. x. ∘ ∘∘∘
Libra Ouata hz. una ∘ due stelle
in bilance libre
Corpta libra hz. tres ∘ ∘ ∘
Scorpio corona duo ∘ ∘ dicitur corona
Scorpionis Scorpio corona est tres stelle
lineatim posita ∘ ∘∘
Cor scorpionis est stella magna rubea
inter duo puncta ∘ O ∘
Sagittarius Cauda Scorpionis hz. 2. x
et cauda eius prima ∘∘∘∘∘∘∘∘∘∘∘
Sagittarius Crateris hz. x. stelle inter
et ... ∘ ∘ ∘ ∘ ∘ ∘ ∘ ∘
Capricornus posita hz. duo prima stella
et unum ... ∘ ∘ ∘ Dastum
Sidus ... hz. duo cum luce ∘
... papilio hz. 2. ... x. ∘∘∘∘∘
Canis hz. duo stelle ∘ ∘
Post canis stella hz. duo lucida ✳
Pisces hz. ... ∘∘∘∘∘∘ x ∘∘∘∘∘∘∘∘

Lupoldus
Ducatus Austrie ... fons

Item Beda dicit etc. sed mattheus vano magis si vir maiat
pro dicto eodem ... interdicti matthei ... iudic
iudicii ... in primo blad. februarii ... februarii
2o blad. eiusdem ... blad. ... dicto ...
... marte ... 2o ... dandi ... blad. apparet
... blad. augusti ... ianuarii ...

Nota quod ... consuetudine ...
... tempus ...
2o et primus ... sunt ... simile
... in ... absolve ...
... manens ... 2o ...
... ita ... nomine ...
... salute ...
... et ...
... et ... est ...
... in ... est ...
... non ... di ...
... littere ... et ... per ...
... dicte ... Difficiles ... nomen ...
... malo ... per ...
... in ... et ...
... per ... per ...
... in ... in ...
... dicit ... non ...
... per ...
... in ... vero ...
... per ... in ...
... dicit ... sunt
... et ...
... et ...
... ait ... dicit ...
... in ... dicit ... in ...
... cuius ...
... per ... ad ... appellacio ...
... dicit ... ad ...
... ad ... et ... per ...

Et si vis cognoscere coniunctionem certam solarem, considera
initium quantum quibus moveatur in die unus planeta
minor a maiori et quod remanet est excessus velocitatis
per ipsum excessum divide spatium inter eos et
proveniet dies in quibus coniungentur. Similiter facias si
vis scire horam coniunctionis. Et scias quod semper
in [illegible] est motu unius a motu alterius
id quod remanet est distantia hic que fuit maior in motu
Nunc distantia si fuit igitur velocior motus est
coniunctio preterita si vero tardior motus est futura et
Et considera potestatem lune quod plena lumen apparet
et quod ei coniungitur stellis in motum plurima efficit
quod sunt domus earum inter solem et spatium eius
dies quando est coniunctio alio lune et diffinit
est plurima cum finis si est undecima lune ad
venus secundum plurima si mercurius stellas si sol ad
mercurius secundum initium si spatium ambas. Cum luna iterum
cum sole et cum [illegible] venus et sagittarius
luna et [illegible] mercurius et [illegible]
mercurius et libra iovis secundum plurima
ad [illegible] sicut maius [illegible] a
[illegible] cum vero [illegible] ad [illegible]
fuit luna ad eam apparet multa plurima [illegible]
mercurius [illegible] cum [illegible] [illegible] [illegible] a
[illegible] [illegible] [illegible] [illegible] et

Haidelberge [illegible] 14 minuta [illegible] [illegible]

Tabule

Coniunctiones anno 57 & 58

Menses	d	h	m	d	h	m
Ja	16	6	6	4	22	2
Fe	15	17	39	5	8	2
Ma	16	6	4	5	17	44
Ap	15	19	35	3	5	7
Mai	15	9	27	2	14	0
Junii	12	23	47	1	2	44
Julii	12	15	40	30	16	12
Aug	11	4	41	28	23	6 Ecli. sol.
Sep	9	20	42	27	14	43
Octo	9	10	40	27	8	45
No	7	23	59	24	23	6
Dece	7	11	28	24	12	48

Coniunctiones anno 41 & 42

Menses	d	h	m	d	h	m
Janu	2	18	27	21	13	48
Febr	1	2	23	20	27	55
Ma	3	1	16	20	22	59
Apr	1 (30)	12 (10)	19 (53)	19	10	45
Maij	30	3	57	18	20	16
Junij	28	10	26	17	3	43
Julij	27	17	40	16	10	58
Augu	26	3	1	15	18	7
Sept	25	19	46	13	2	41
Octo	25	4	42	12	13	39
Nove	22	23	31	11	3	12
Dece	22	18	53	10	19	27

Coniunctiones anno 59 & 40

Menses	d	h	m	d	h	m
Janu	[illegible]	0	19	13	13	4
Febr	22	10	9	12	1	38 Eclip. sol.
Ma	23	18	48	12	11	55
Apr	22	3	21	11	20	6
Maij	21	12	7	11	3	24
Junij	19	22	18	9	10	51
Julii	19	9	54	8	19	0
Aug	17	23	43	7	4	14
Sep	16	16	19	4	18	21
Octo	16	10	20	4	10	23
No	14	5	38	5	5	29
Dece	15	21	55	3	23	48

Coniunctiones anno 43 & 45

Menses	d	h	m	d	h	m
Janu	10	13	35	28	9	6
Fe	8	8	22	27	2	27
Ma	10	2	17	28	19	36
Apr	8	18	11	27	11	34
Ma	8	7	27	27	1	59
Junij	6	18	17	24	15	16
Julij	6	3	10	24	1	13
Aug	5	21	14	23	11	11
Sep	2	19	18	21	20	50
Octo	31 (2)	10 (5)	18 (18) Ecl. so.	21	6	10
No	30	2	28	19	16	11
Dec	29	16	48	19	3	13

Iste sunt tabule optime de coniunctionibus ad annum [illegible] calculate et quando reperiuntur duo [illegible] ibi in eodem fiet due coniunctiones mense etc.

Nota coniunctionem ab vera [illegible] tabulas alio modo coniunctionem [illegible] 29 dies 12 h. 44 m. et addatur [illegible] [illegible] [illegible] coniunctionis [illegible] et addere [illegible] 7a [illegible] et [illegible] et surgit sequens coniunctio [illegible] Ita fac [illegible] etc.

Coniunctio anno 44 et 46

Mens	D	h	m	D	h	m
Janu	17	14	55	7	4	3
Feb	16	4	56	4	14	49
Ma	17	20	45	6	3	53
App	16	12	29	5	16	21
Ma	16	3	42	5	4	57
Juni	15	18	27	2	19	41
Julii	13	8	34	2	10	33
				30	16	41
Aug	12	21	55	1	2	51
Sep	11	10	7	29	7	55
Octo	10	21	38	28	21	50
Nov	9	8	25	27	10	8
Dec	8	18	26	26	21	16

Anno 47 et anno 48

Mens	D	h	m	D	h	m
Janu	24	7	26	15	23	10
Feb	23	13	2	13	19	50
Ma	24	22	44	13	9	50
App	23	13	8	15	18	54
Maii	23	0	15	13	3	4
Junii	21	2	51	12	11	20
Julii	20	18	19	10	7	0
Aug	18	11	6	8	19	48
				Ecl. p.		
Sep	18	5	11	7	11	27
Octo	16	20	21	7	5	48
Nove	16	10	58	4	23	31
Dec	14	12	39	4	17	7

Anno domini quinquagesimo nono et 60

Mens	D	h	m	D	h	m
Januar	9	4	9	23	7	22
Febr	2	23	43	21	22	55
Ma	5	2	3	22	11	1
App	2	20	6	20	2	32
	2	2	50			
Mai	31	18	52	20	5	9
Juni	29	18	18	18	10	40
					Ecl. p.	
Juli	29	3	24	17	17	55
Aug	27	14	8	16	1	47
Sept	24	4	57	15	12	37
Octo	24	23	13	15	2	1
No	25	18	20	12	18	29
Dec	25	13	31	13	13	2

Anno 61 et 62

Mens	D	h	m	D	h	m
Janu	11	8	24	30	2	45
Feb	10	3	1	28	21	16
Ma	11	19	28	30	15	4
App	10	8	47	29	5	36
Mai	9	19	31	28	16	31
Juni	8	3	40	27	2	26
Julii	7	11	7	26	11	2
Aug	4	18	15	25	19	11
Sept	5	2	17	23	3	52
Octo	3	12	22	22	13	14
Nove	2	0	6	21	0	26 Ecl. p.
Dec	13	8	25	20	13	34

Anno solare dio

Me	D	h	m
Ja	18	6	6
Fe	11	17	39
Ma	16	6	4
Ap	15	19	25
Mai	5	9	21
Ju	12	23	47
Iuli	12	15	40
Aug	11	4	41
Sep	9	20	51
Ott	9	15	40
No	7	23	59
De	7	11	28

Deo gratias

Oppositione anno 28

Mese	D	h	m
Ja	20	16	33
Feb	19	10	48
Mad	20	3	50
Ap	18	16	38
Mai	18	3	24
Iunii	16	11	45
Iuli	14	19	24
Aug	15	3	51
Sep	12	10	48
Octo	11	20	23
Nove	10	8	41
Dec	9	23	43

Oppositione anno 39° e 40 anno 41° 28

Mese	D	h	m	D	h	m	D	h	m
				Ec. luna					
Ja	8	16	55	27	13	18	16	22	31
Fe	7	10	45	26	4	32	14	11	15
Ma	9	5	46	27	22	9	17	1	1
Ap	7	21	29	26	15	18	14	14	51
Ma	7	11	46	26	4	15	14	6	25
Ju	6	0	0	24	18	41	13	21	20
							Ec. lune		
Jul	4	10	10	25	6	49	13	11	48
Aug	3	19	13	22	18	11	12	1	51
Sep	2	3	51	21	5	39	10	14	42
	1	11	44						
Ott	30	24	26	20	15	50	10	5	37
No	29	9	29	19	0	51	8	10	27
~~De~~	~~28~~	~~[illegible]~~	~~[illegible]~~	~~18~~	~~11~~	~~9~~	~~8~~	~~1~~	
De	28	22	31	18	11	9	8	1	39

Anno Dni 42° e 43° e 44° 28

Mese	D	h	m	D	h	m	D	h	m
Ja	6	13	27	25	14	48	15	6	29
Fe	5	23	50	23	1	35	12	17	45
Ma	4	10	23	25	10	37	15	5	18
Ap	3	21	50	22	19	43	12	11	28
Ma	3	9	44	22	4	55	11	19	6
Ju	1	23	1	20	16	50	10	3	9
	1	11	32	20	4	55	9	12	30
Jul	31	5	12				8	0	6
Aug	29	20	15	18	20	47			
Sep	28	11	43	17	13	56	6	15	33
Ott	28	3	7	17	7	38	6	7	26
No	26	17	21	16	0	48	4	3	10
De	26	4	25	14	14	6	5	21	4

Oppositiones anno 1455 · et 56 · et 57 · et 1458 et 59 · 60 et 61 ·

me	d	h	m	d	h	m	d	h	m	d	h	m	d	h	m	d	h	m	d	h	m
Ja	3	14	45	22	11	0	10	10	53	29	5	41	18	9	49	7	21	0	25	22	56
Fe	2	6	2	21	3	39	9	5	48	27	23	44	17	1	15	6	8	25	24	9	11
Ma	3	14	29	21	17	0	10	23	9	29	16		18	17	26	6	23	53	25	19	50
Ap	2	4	22	20	4	7	9	14	0	28	8	24	17	9	45	5	5	51	34	7	0
Ma	30 (1)	19 (14)	8 (38) Ec. lune	19	12	31	9	2	4	27	21	38	17	1	12	5	2	20	23	19	40
Ju	29	1	24	17	19	24	7	11	20	26	8	46	15	15	5	4	17	5	23	9	59
Jul	28	10	17	17	2	10	6	19	23	25	18	30	15	4	25	3	7	14 Ec. lune	21	23	52
Au	26	20	41	15	9	44	5	2	49	24	3	27	13	16	18	1 (0)	22 (12)	33 (48)	20	15	42
Se	25	9	54	13	19	19	3	10	41	22	12	17	12	3	27	30	2	21	20	8	38
Oc	25	2	7	13	7	12	2	18	34	21	21	37	11	13	54	29	15	4	19	0	3
No	23	20	44	11	2	15	1	6	14	20	8	34	10	0	6	28	3	21	17	14	58
De	23	16	14	11	12	58	30 (0)	13 (20)	6 (13)	19	20	2	9	10	8	27 Ec. lune	12	51	17	13	56

Radix augium · 1 4 30 ·

Saturni	8	12	29	35
Jovis	5	22	4	55
Martis	4	14	18	6
Solis	3	0	31	16
Veneris	3	0	31	16
Mercurii	6	29	55	25

Tabula motus augium in annis et mensibus

1	0	36	16	9	36		
2	1	12	17	10	12	Ja	3
3	1	48	18	10	48	Fe	6
4	2	24	19	11	24	Ma	9
5	3	0	20	12	0	Ap	12
6	3	36	40	12	36	Ma	15
7	4	12	60	13	12	Ju	18
8	4	48	80	13	48	Ju	21
9	5	24	100	14	24	Sep	24
10	6	0	200	28	48	Octo	27
11	6	36	400	57	36	Oc	30
12	7	12					
13	7	48					
14	8	24				No	33
15	9	0				Dec	36

Si colligis vel lune polum dupla medium

Ex parte eclipsis lune equa-
cionis draconis ad horam vere co-
niunctionis si fuerit de die quia in nocte
in quibus eclipsim solis et
lune et significat de tabula etc.
[illegible] cum parte de luna
etc. eclipsis solis. Si vero [illegible]
etc. [illegible] oppositionis fuerit
etc. de tabula cum luna et fuerit
de nocte etc. lune eclipsis
[illegible]. Si in [illegible] fuerit [illegible] 2
10 de 12 [illegible] etc. luna medium eclipsam. Si
[illegible] 12 [illegible] eclipsis

Dtes oiant plte dmac an sole taudat pg
Vl oiant pcea tardidat an si vel sie tes
vltu tum supioz dccite egtu gsidata qd si fuit
alvo gdu infine 6 sigs et oltu matutio
Si vo a 6 in 12 et incocasu vesptino
Vccat cmdiug qz ipt tadit e volocit
sui mod duo lum ud sol gtatse adsol e nud
ita cu fuit dtu ve mg egtu alv gdu
ine sig e 11 gdg et inatu vesptio Et
vid tes pg sol ocasu supadzoi oiidentali
zz sole velocior q ar sigs e recedit
vsqz ad 6 sig et incocasu vesptio tuc qz
tardat redians adsol e sol ea qsi atz ptit
e ab sigs in 1 sig e 12 g otu matu
cit tardid sole e a 1 sigs e 12 g in 12
sig et incocasu matutio velocior sole
Mcum vd dm egtu cu fuit alvo i ta sig
e 12 g oit vespe e az lig sigs e 12 g
in 6 sig et incocasu vesptio e ab sigs
in 8 sig e 8 gdi oit dmac e a 8 sigs
e 8 gdibg in 12 sig occid mac q velos
e tadit ug gsida pt ingeiel Cu igit
volums sie oltu eg vio tum scioz an sol
vltu mac appent ut sz q pmissa a sole
incipit appre gsida cu dm eig egtu
fuit ppe 20 gog et incipiat appare
telico ad stradijs sol Vallad aut vdipiat

Et hiems n az/od fuit apole 14. g. remotus et inter eleuar
volt 28. g. apole
atz recti apole cum i adu fuit supe 380. quod g
mo at et hiems pro acutat appno. Et
cu caal cogre adeu fuit sp 90. quod g di
cu dextmat Si rec fuit 380. at sp
pa aectat autta quod matutina. Et si
fuit sp 160. at caal autta oai et ve
spinal et cu fuit fuit sp 200. g. at
pa matu. coal appi. et aventale et
Et si aut plta z appno vel autta q
sp radijs sol si vio ogspte Oceias com
leguis tm supioz egeu et lom sol et q
reusp loli graz et cogt et deca viz an
sol vel plta id duo tterg cq loq plus
quit usq. et mit. iq adea q si fuit
pltc et i plta vel z appno i vacite
vel tratq radijs sol. Et inter g. cu signo
mqo fuit plta in tablaz oitaq plta
vespitini et q q. i in veme et inuta
si fumt pacida frigidi et m pltaz
a sole et az plta in oaite. Si aut
plta et trata radijs. Si at dq plta
fuit sol at plta appno vel autta ide.
Inter cu sigo vaz plta in tablaz
ctq matuti et quida si gdijd in veti
et plta frigidi et plta at autta
Si at paraco at appno i quetaz
Illud in veme et hiemd ge b

deq tacias mas tesspo capidad v cq
vel deaz e sol vesp; et cel capit t dea
p g ea gpida si a dtu veme Etu fuit ama
-121. gdiq cel veq votu vespis appnos
vel ocalta Et si fuit pacuos cel cel
dicta Qi at a dtu q fuit a.121. in.180.
cel incadpu vesptis appnos vel ocalta
z cel et epa Int v tablaz outas cq
vespti t epiaos pgdq v in vatos vtel b
appnos ul nos sic su dom b qesi a dtu fuit
a 180. gdiq in 222. cel an appnos votu
matutos al tata radijs Int q. cu pig
mq fuit tablaz iq oq matuti t epias
otel b appnos vel ocalta pgdq v q scriptos
Qi aut r a dtu fuit a.222. gdiq in.360.
cel incadpu mano d ocaltq d appnos
Atel v int cu pig mq b tablaz outas
matu ni t p gdq suppradictos epias otel
tepar vel vidra Qi om gdq v dicti
st plans gdiq dtc puos suptc in epile
t ipm n dz Qi pacuos et appebit
Qe go tabla q qua dom b ancta z

incorz

Loco

Tabula ortus stellarum ... per horas in processu diei eorundem

Signa	H	m	H	m	H	m	H	m	H	m	H	m
Aries	29	26	13	56	19	33	9	28	29	0	15	12
Taurus	26	26	15	7	18	21	9	38	27	11	14	8
Gemini	22	10	14	4	15	14	10	36	22	15	16	7
Cancer	17	18	17	9	11	51	11	55	18	14	18	14
Leo	51	8	19	58	9	55	13	33	6	7	22	15
Virgo	13	8	22	0	9	7	14	23	14	8	27	11
Libra	12	14	22	32	9	0	16	7	15	12	29	0
Scorpio	12	1	21	20	9	7	14	23	14	8	27	11
Sagittarius	13	51	18	34	9	55	13	32	16	7	22	15
Capricornus	16	36	16	36	11	55	11	55	18	14	18	14
Aquarius	21	16	15	50	15	55	10	16	22	15	16	7
Pisces	26	56	15	0	18	11	9	38	27	11	14	8
	Ortus Saturni verus matutinus		Occasus eius verus vespertinus		Ortus Jovis verus matutinus		Occasus eius verus vespertinus		Ortus Martis verus matutinus		Occasus eius verus vespertinus	

Tempo totalis casus Tempo totalis medie more Ec

Nota pos	G m	G m	G m	G m	G m	G m	G m	G m
Aries	15 31	4 25	3 36	2 27	24 10	12 24	22 43	12 9
Taurus	13 48	4 29	4 9	3 30	21 15	13 18	24 23	12 12
Gemini	10 39	7 38	5 14	8 47	17 10	13 37	22 28	14 44
Cancer	8 38	8 58	10 12	10 44	14 9	14 9	18 48	19 48
Leo	7 5	8 59	17 45	11 30	12 53	16 39	15 8	23 25
Virgo	6 53	10 46	23 40	7 43	13 8	20 23	13 15	26 37
Libra	6 57	11 9	22 27	6 40	12 10	23 50	13 20	25 38
Scorpio	7 11	11 26	15 18	6 17	12 41	23 49	12 10	20 35
Sagittarius	7 56	12 27	7 1	[illegible] 12	14 31	20 44	11 16	17 41
Capricornus	9 18	9 18	2 18	2 18	16 19	16 19	12 15	12 30
Aquarius	12 47	8 29	1 36	1 14	20 15	14 7	14 21	11 32
Pisces	15 20	7 43	2 43	1 31	24 38	12 14	18 22	11 47
	Veq vespertina a 0 ad 18 in 135	Vaag matutina ad 228 in 360	Veq mane a 180 in 228	Vaag vespertina a 135 in 180	Veq crepusculum a 0 ad 0 in 45	Vaag mane a 228 in 360	Veq mane a 0 ad 180 in 288	Vaag vespertina a 45 in 180

Tabula ad sciendum [illegible] altitudinem solis [illegible]

Nomina signorum	Nomina mensium	Anglie pars primus D	H	2a pars Anglie D	H		3a pars Anglie D	H
Aries	Marcius	12	2	12	8	12	15	12	20
Taurus	Aprilis	11	10	12	2	12	8	12	15
Geminorum	Maius	13	1	13	7	13	13	13	19
Cancer	Iunius	15	12	15	18	14	0	14	6
Leo	Iulius	14	22	16	2	16	8	16	15
Virgo	Augustus	14	2	14	8	14	15	14	20
Libra	September	15	18	14	0	14	6	14	12
Scorpio	October	15	21	14	3	14	9	14	14
Sagittarius	November	13	3	13	9	15	14	15	7
Capricornus	December	12	13	13	14	13	21	13	18
Aquarius	Ianuarius	11	10	12	6	11	12	12	8
Pisces	Februarius	10	13	10	9	10	14	10	21
				D	H				

Equinoctium vernale (Aries, Marcius)

Solsticium estivale (Cancer, Iunius)

Equinoctium autumpnale (Libra, September)

Solsticium hiemale (Capricornus, December)

Astronomie amatores aliquotiens cupientes paucis admodum scripturis clarum verum non solum per tabulas de Alfonsi et medias et veras coniunctiones et oppositiones luminarium ac tabulas eclipsium, porro annis et collectis et expansis cum tabulis quotiens ... cupiunt ... Magistri Iohannis de Lineriis taceo ... tabulas Alfonsi ... super capitula componentis ... 10 ... cum medii motus et linee facilem ... in ipsis predicta ...

Cape radices motuum

Sume primo adicem (?) ... super radicem capitis ... mediam tabulam annorum collectorum ... tue radici ... radices ... tue conversationis ... dici ... sufficiat et cetera.

Rectio dictas ... 60 minuta ... 60 minuta et ... per 2 ... minuta ... per ... si fuerit 12 ... tabulas 12 ... potes ... motum ... expansis ... et 2 ... rema... et cetera.

Preparatis autem ... tabulas ... minuta ... anno ... Alfonsi ... facito ... et cetera.

Anno domini {Cristi} ... medium ... matum ad ... aucturu ... ... minutis ... augmentum anni anno 1520 et 4.
... tabulas ... pro ... tabularum ... ad annum 1486. ...

Aux	S	G	M	2
Sat	8	12	38	48
Jovis	4	22	42	18
Mart	8	18	21	24
Ven	3	0	80	34
Solis	3	0	80	34
Merc	6	29	48	84

Vide locum ... Ubi medium ... Nota

Si in adalii anno ... ... adde ... anno complete ... 34. ... ... omnes ... ...

Primo medium motum ... medium ... ... et ... amo ... matu ... ... fuit maior 6. signis ... adde ... ... 6. signis ... ... amo ... matu ... ...

Ultimo ... signis ... ... qua ... adde ad medium ... ... fuit ... 6 signis ... ... fuit 6. signis maior ... ... locum ...

5- dalz [illegible] [illegible] cu ta[illegible]

Au. 1	9	9	8	6	7	7	6	6	9	9	8
2	8	8	7	8	5	10	9	9	7	7	6
3	6	6	9	7	8	8	7	9	6	6	9
4	9	8	8	10	7	6	5	7	9	9	7
5	8	7	6	8	9	9	8	6	7	7	6
6	6	10	9	6	8	7	7	9	5	5	9
7	8	8	8	9	6	6	9	7	8	8	7
Ne: 8	7	6	6	7	9	9	8	5	7	7	5
9	10	9	8	6	8	7	6	8	9	9	8
10	8	7	7	9	6	5	9	7	8	8	7
11	6	6	10	7	8	8	8	9	6	6	9
12	9	9	8	5	7	7	6	8	9	9	8
no. 13	7	7	6	8	10	9	8	6	8	8	6
14	6	5	9	7	8	8	7	9	6	6	9
15	9	8	7	9	6	6	10	8	8	8	8
16	7	7	6	8	9	9	8	6	7	7	6
17	5	9	9	6	7	8	6	8	10	10	8
18	8	8	7	9	6	6	9	7	8	8	7
aug. 19	7	6	5	8	9	8	7	10	6	6	10

[illegible]

[illegible]

Jobs stat kunst hamerich gold ysen hirni koffell
Jm stat kam unnother glick kunste hetz frisch ist
hera kessler

[illegible]

Cap. X de inveniendo nonas ydus et kalendas

Mar maij iul oct quinto medij reliquos loca terno

[illegible]

Ha mar maij iul aug oct decem nimium das extra et reliquis mensibus sex februus duo negabit

[illegible]

Mar maij iul oct senas reliquis tibi duo nonas Ydus tenent menses quatuor omnes [illegible] et nonas [illegible] kalendas [illegible] sunt mensi tenende

[illegible]

Tractus qui vult efficere pedules fugitiu stadio
Tussus tand stridet efficitans sodale

Item ia. duo mat sunt duodecimi decem tardantem
codem duodecim in pstg eum situacio
decem con pa dico sunt ianuarius et pa lra
pe sille ant eius mes b lad et 2a la 2e sille
ant nonas con ela q t ez id est nona lra in
alphabeto signum et q ianuarius hz dictus e nove blad et

Si pro dicto q̄ concipiat
Augurio stiers audito tunc clangor
Liquet aliud abiens cot luit tolg excute gally

Item q lz dico itz sunt com mes con pa
sz augustus ianuarius et con ffe pa ta prime
sille ant dies conceptu eum qtt lraz eius
in alphabeto et o gpundo apud mes et ez 2a pilla
ant dies concipiatu afine eius mes gpundo et

madius appl ma iun iuli augusti
Muta mugit natas actagela pedo puella
sept octo no decem ianua februa
Pada pugit ocellato nge tixa carillas

Item volnd scire qta dies et qta hora diei
mes sol intrat ad signum respiciat ia mattl
con pa lra pe sille ant dies 2a pa
sille pa lra ant horaz diei com ie gsidera
p q lz dico cadent com iaz decem et fe aios et

Etatem lune dupla pq addito quinque
Cum dabis signis quo lune cep. ordo

Item volnd scire in q o sig et luna gputat
dicas aliunt tessioe et idem duplz tu conideat
q o signo luna incepit dies pq onte ssioz et
da cu quinque et dividi lz sig o quinque et celtig
unig ant signum lune et hic etate lune
multiplicatur p per et tu pdem diuidi p quinque
cuilz signo dado quinque acquitur signum sic supra et

Marcius Aprilis Maius Junius Julius Augustus Sept
adria prilm tip crux pe me paulnt [illegible] ab [illegible]

B. Epp. Phil Cris Pe [illegible] Aug
Jacob Nolieb Pt Januarius Februarius [illegible]
et darven pim sy cris do nat [illegible] mat no
mo Kath steph emboliſmal
petru

De Cris Cle Mo Ang [illegible] Ge tuc [illegible]

Et ſi tu vis ſcire interſtancia incipe in Eſaut
Articulatim adequacioni interſtiam [illegible] anni me
ſiue Et dicitur [illegible] ſupraſcripta interſtam [illegible]
ſuſcipti [illegible] adequaciones aurei nu
[illegible] ſinaxio incipe in Eſaut ibi
[illegible] ſillabas [illegible] numerando [illegible]
alias [illegible] ſillabas [illegible] loquia [illegible]

Et [illegible] tunc [illegible] media [illegible] [illegible] lune [illegible]

10 4 13 2 10
Dic [illegible] [illegible] [illegible] [illegible] [illegible] lie tha [illegible]
18 14
[illegible] ſume [illegible] [illegible] pota De [illegible]
12 1 9
Muſto [illegible] [illegible] [illegible] iſte ritaliz
18 3
[illegible] [illegible] [illegible] [illegible] [illegible]
11 19 8 no [illegible]
[illegible] te [illegible] [illegible] poſſe ſalutes

[illegible] ia met ſolu [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] aureus [illegible] loq interſtam [illegible]
[illegible] incipi in Eſaut ibi [illegible]
[illegible] [illegible] [illegible] interſtam [illegible]
[illegible] [illegible] digitatim [illegible] [illegible] [illegible] pam
[illegible] [illegible] [illegible] aureus [illegible] Et [illegible]
[illegible] [illegible] [illegible] anno ita [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] met [illegible] [illegible] [illegible]
[illegible] aureus [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] alphabeti [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] in
[illegible] [illegible] [illegible] [illegible] interſtam [illegible]
Incipe in Eſaut [illegible] [illegible] [illegible] ſillaba
[illegible] [illegible] aurei nu [illegible] [illegible] [illegible]

Di go vel cogl: xd altim: qrre apara tu baculu
ad longitudine tum vel sex palmaz vel zm
platu undiq; bn planatu & dirctm snca medio
vel d. tu platz inficias ad mod cruc ad baculu
qd dr rouella qr volui tunc in inspecta costa
co bom: cape adplatu p(er) adlom cuiq digiti et
tria bom sic quos pletr in costa tocios crue
rimas in costa sui baculo ita q(uod) illa fipta cornua
orh fiet volvella fixe di et vel meti
fatum xd pone baculu cu suo adiutem dirce
& respice gradium termoz sed inclinde cu crue
volvello & fac signu intra ptise baculo cuius.
Din porde tunc zillut dirce un vel retro
insp rauella ad alia rima secuta itaq inpuis
similiter gradrum cu similiter ltim xd metias
ziter sic utpq intra sed cu capias spatium
interceptu in ... duas scatas & intras qt
sit digitos sui pedi qz caltz & ltido adi et
Dico si uis metiri altitudinem xd respice alias
xd inclinde tuos ta summu q(uod) in firmu & dire
gradia cas cu similiter rauelle & ... remaue
rauella sspaciu adalia rima sui fiptas ...
zitq respice gradaria & signa intra locu
dirce cauta suffic. tu cu tuos pedes ... in ...
id. spam ... cz tatas xd altids. et

Si cad[e]t indistincte sale ter. si fuit altido ipa[tii] tata q[ua]ntu[m] spacia a pede
mensuratis usq[ue] ad basim rei mense addita lo[ngitudi]ne alicuius ad oculum
Si vero fuit longitudo altitudo tt tata q[ua]nta altido alicuius ad terra
Si vero fuit profunditas tt tata q[ua]nta latido rei mense est
et fuit altitudo
Si at cadat in contra[ria] [illegible] multiplicato spacii inter rem mensurandam
et mensurantem per duodecim et divisio per puctos alstisors illius
addita altitudine alicuius mensurantis ad terram + longitudo si fuit
Si vero cadat in rectam + multiplicatur puncta alsistisa divisio per duodecim
Si aut[em] profunditas et cadat in rectam mltor 12 divisio punctos illius
Si si in q[ua]m [illegible] et altido mltor illius punctos divisio 12
et latido et tt mltor 12 divisio illius punctos
et profunditas mltor punctos illius divisio duodecim
Et si cadit in rectam mltor 12 divisio id q[uo]d remansit
in perfectione num[er]i punctorum alsistisor minor et maior est
Si aut[em] in visam tt cum aliquibus illius punctis intra
tabula [illegible] [illegible] mltor [illegible]
divisor vero in tertia num[er]um punctorum in [illegible] et [illegible]